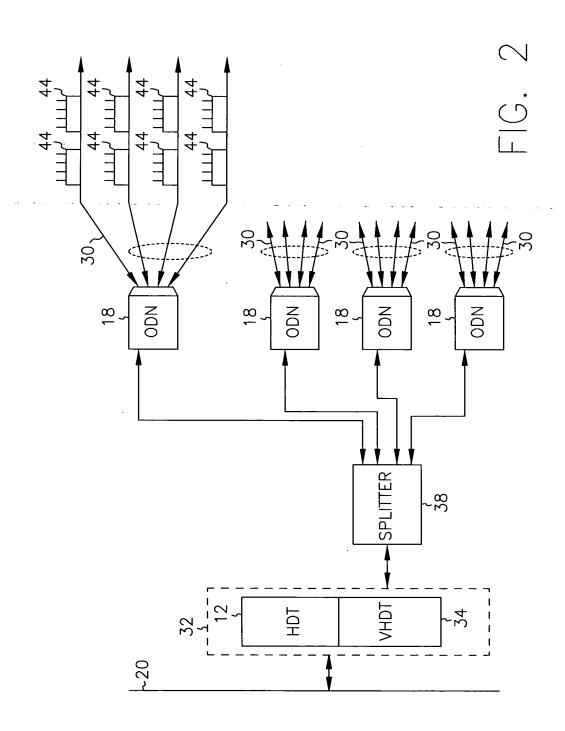
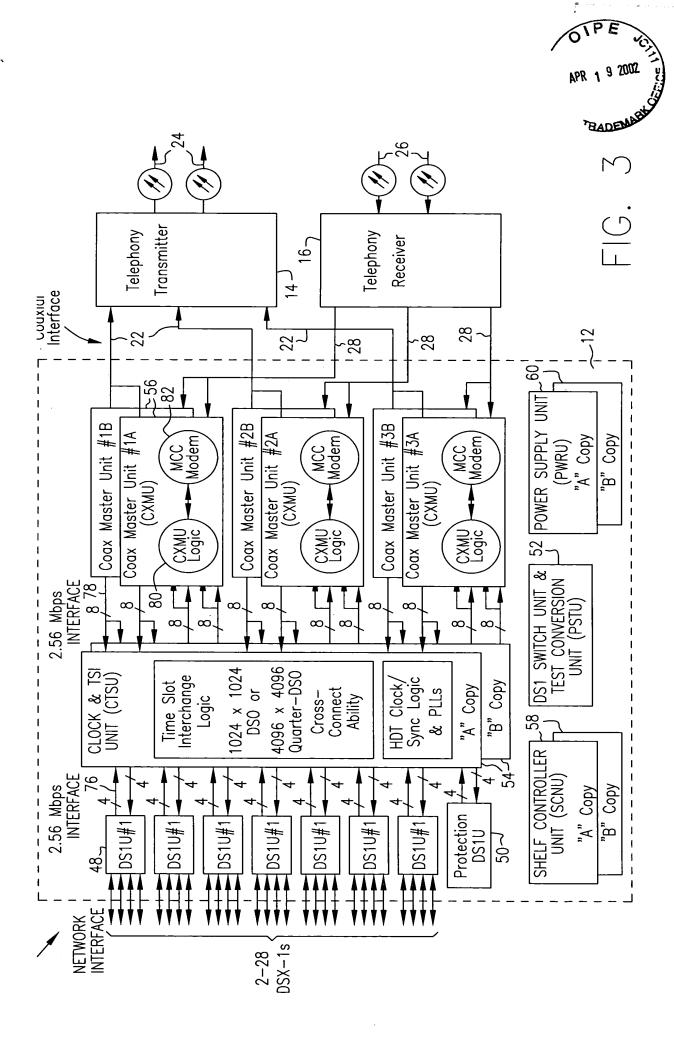


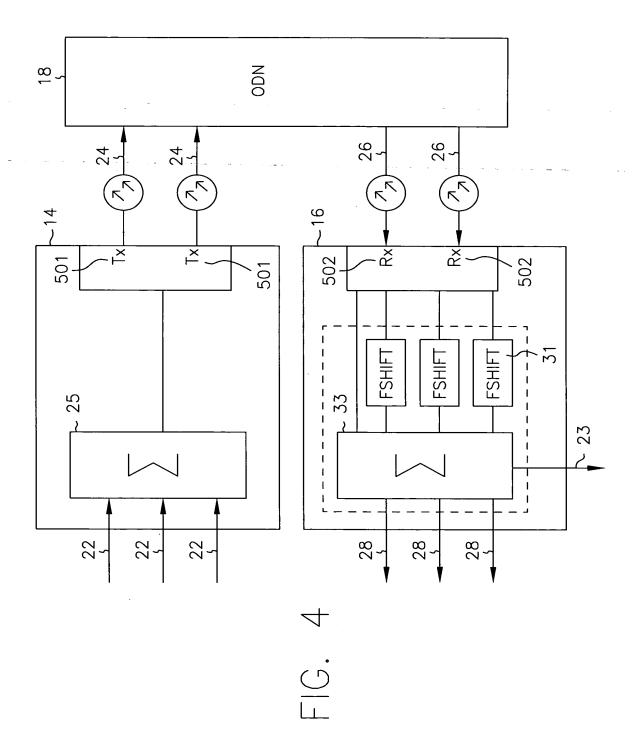
,

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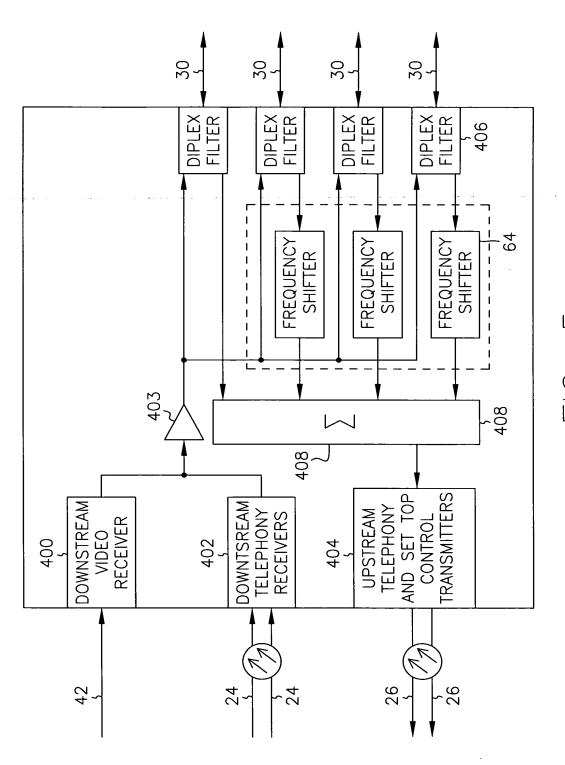






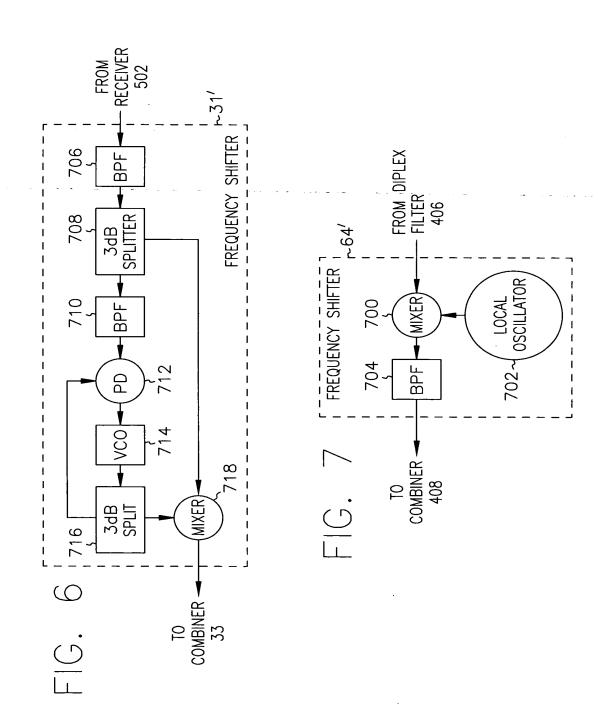


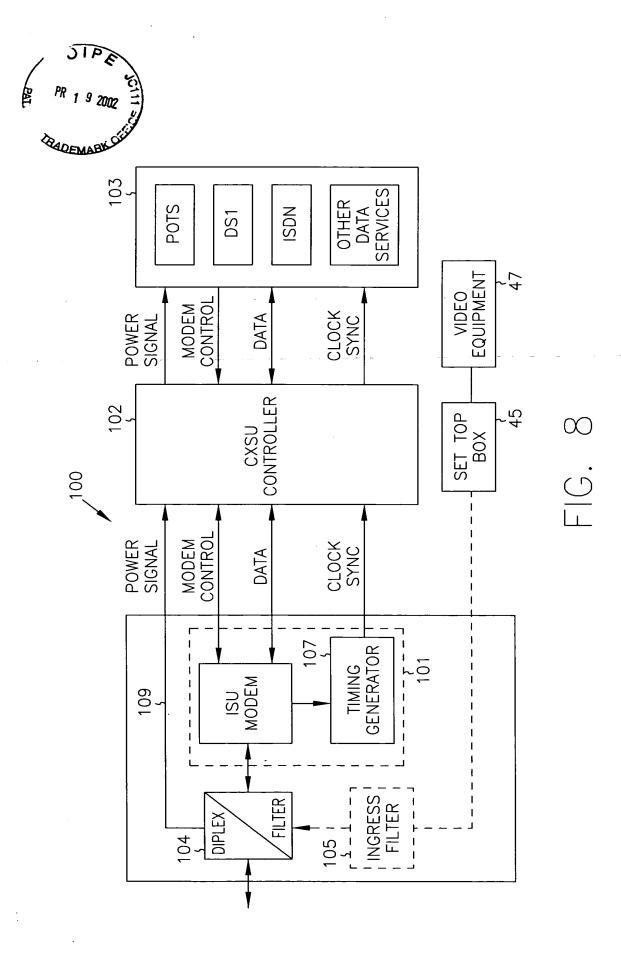




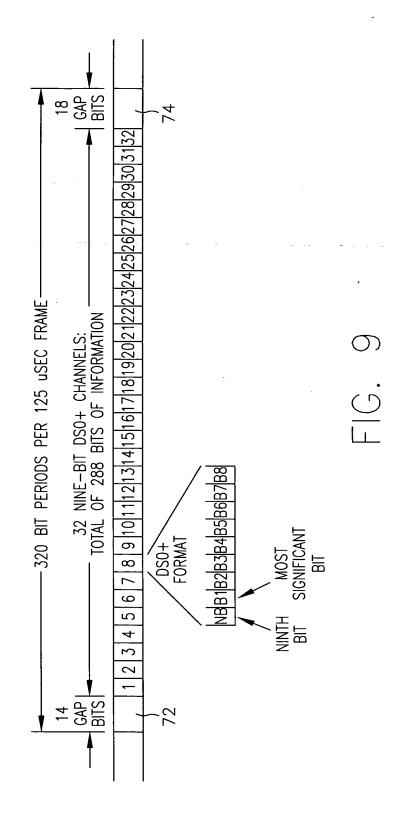
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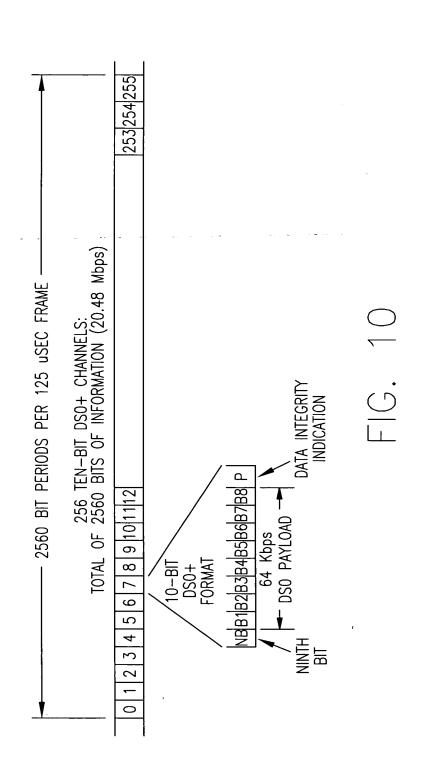




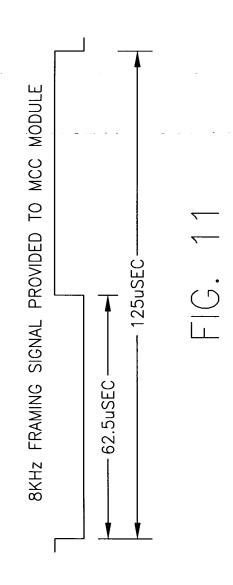




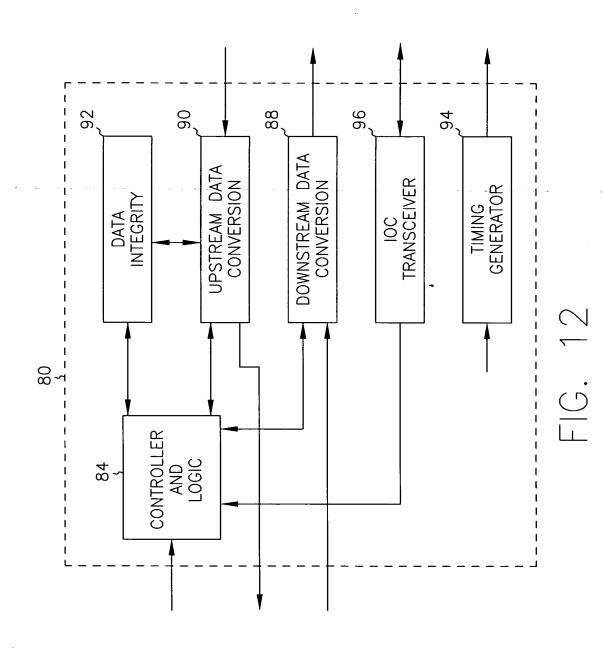














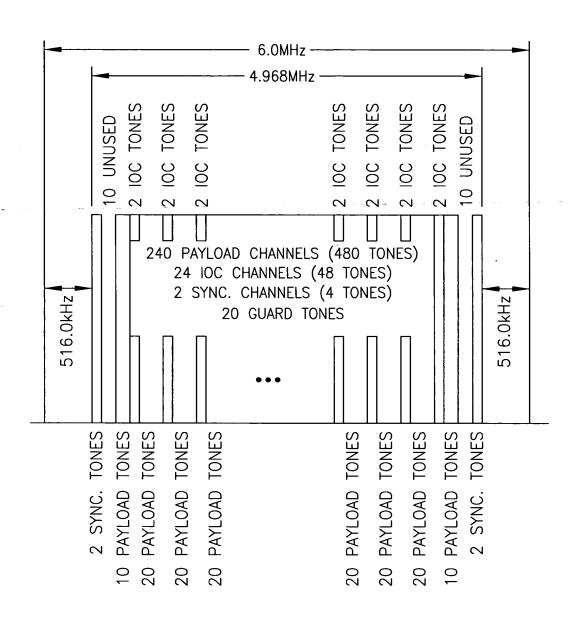


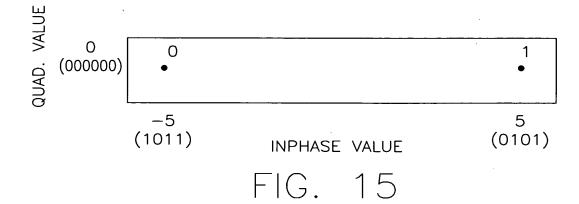
FIG. 13



40EMABK C		OUSED IN RECEIVE ONLY			VLY TE	TRANSMIT POINTS		
QUADRATURE VALUE	5 (0101)	10000	10000	10001	10011	10010	10010	
		16	16	17	19	18	18	
	3 (0011)	10100	11000	11001	11011	11010	11111	
		20	24	25	27	26	31	
	1 (0001)	11100	01000	01001	01011	01010	11110	
		28	8	9	11	10	30	
		11101	01100	01101	01111	01110	10110	
		29	12	13	15	14	22	
	-3 (1101)	10101	00100	00101	00111	00110	10111	
		21	4	5	7	6	23	
	-5 (1011)	00000	00000	00001	00011	00010	00010	
		0	0	1	3	2	2	
		_	7	4	4	7	_	

-5 -3 -1 1 3 5 (1011) (1101) (1111) (0001) (0011) (0101) INPHASE VALUE

FIG. 14





HIGHEST HISU SUB-BAND. SECONDARY MISU RECEIVER AND TRANSMITTER CAPACITY=13 SUB-BANDS HOME ISU RECEIVER AND TRANSMITTER CAPACITY=1 SUB-BANDS \\0\\1\\2\\3\\4\\5\\6\\7\\8\\9\\10\\11\\12\\13\\4\\15\\16\\17\\18\\19\\20\\21\\22\\23\\ HIGHEST MISU SUB-BAND LOWEST MISU SUB-BAND LOWEST HISU SUB-BAND PRIMARY

5 PAYLOAD CHANNELS + 1 IOC CHANNEL + 5 PAYLOAD CHANNELS (24 SUB-BANDS) + 5 PAYLOAD CHANNELS (24 SUB-BANDS) | FIG

// SYNCHRONIZATION CHANNEL



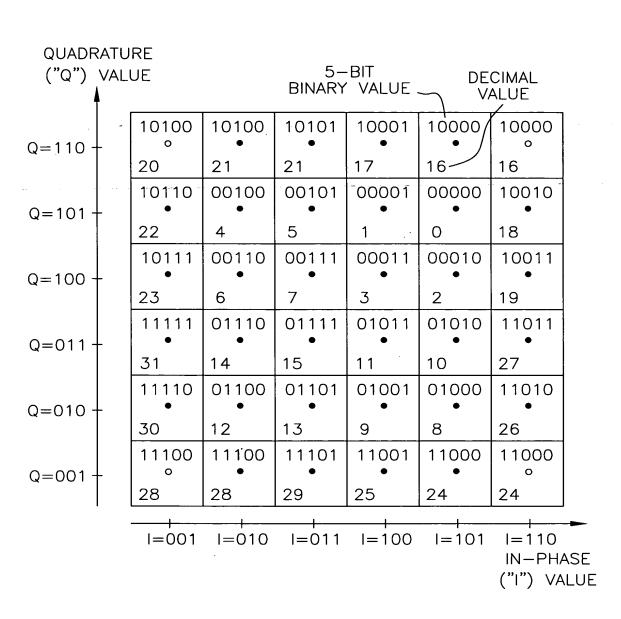


FIG. 17



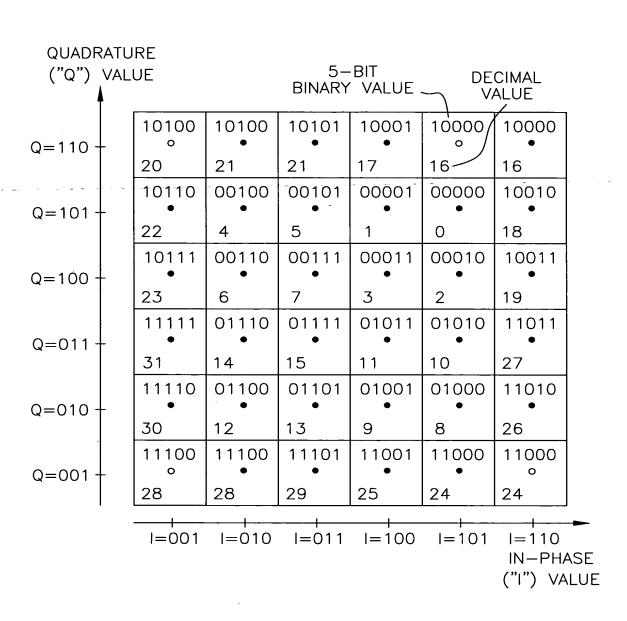
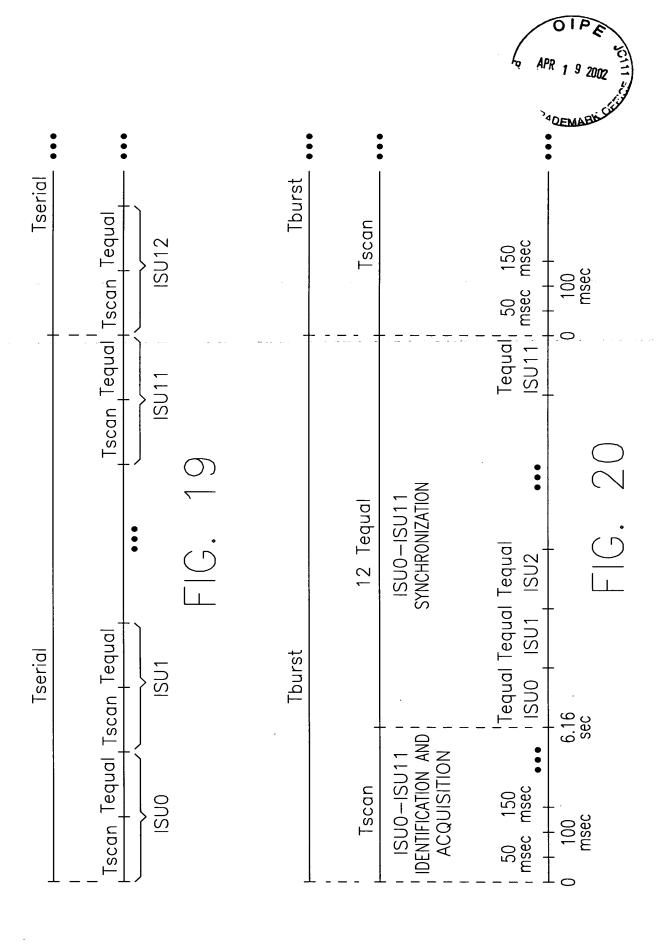
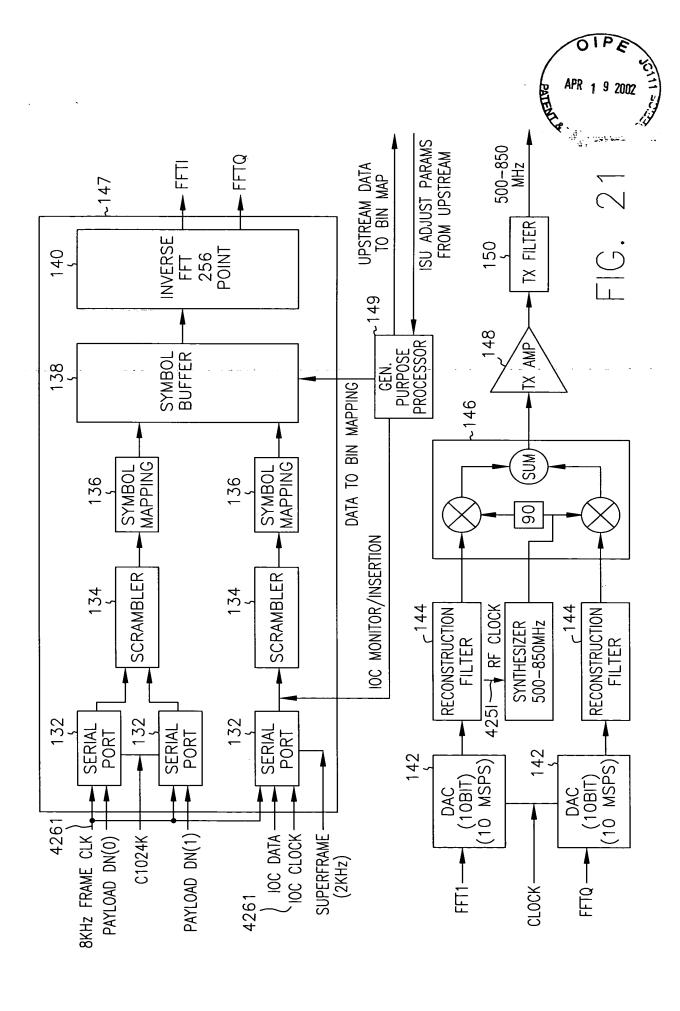
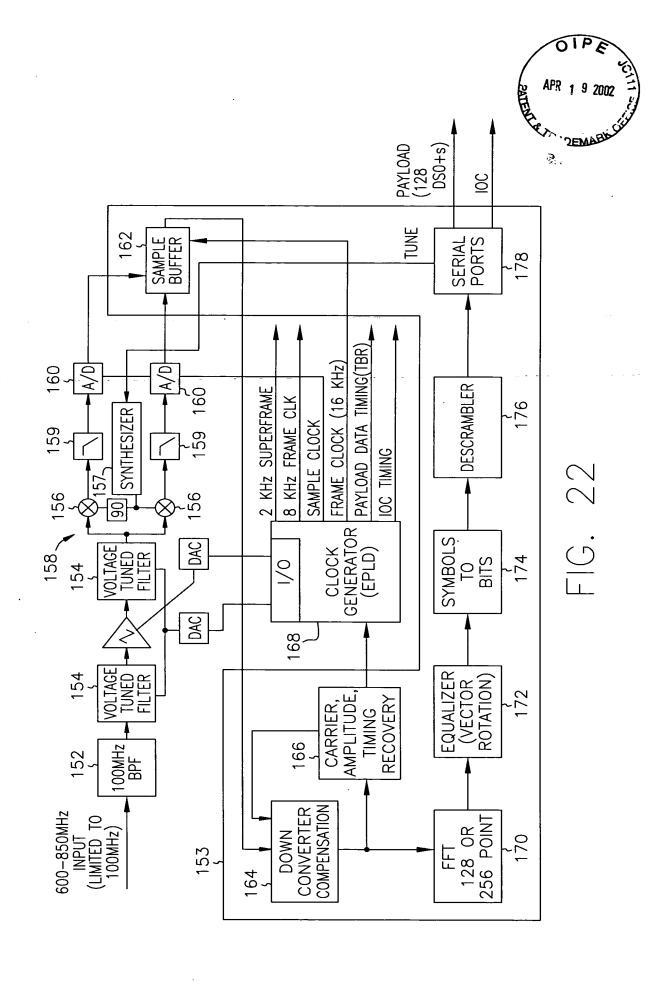
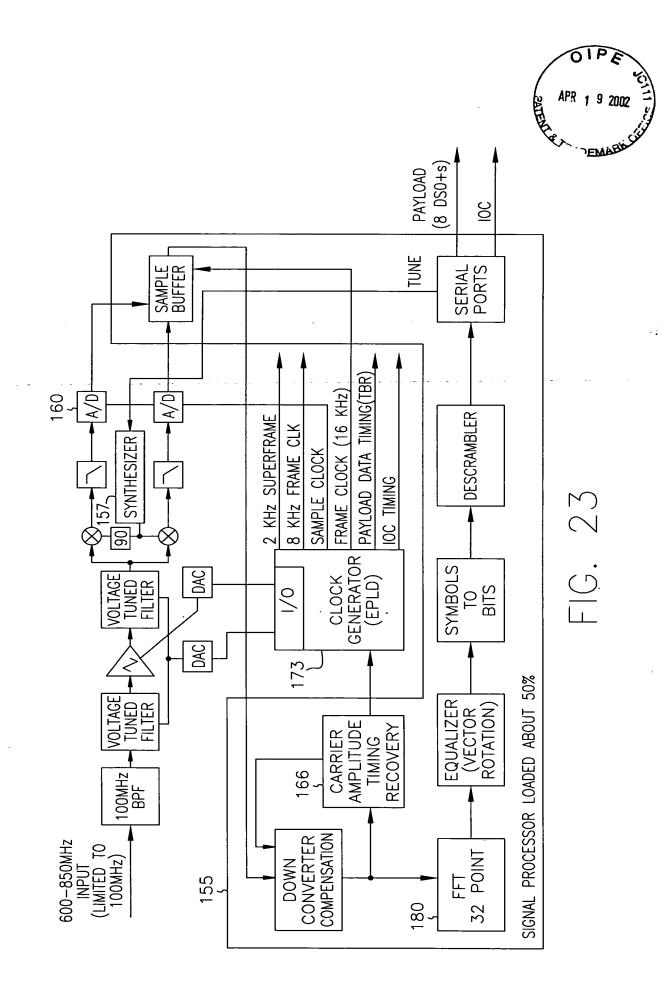


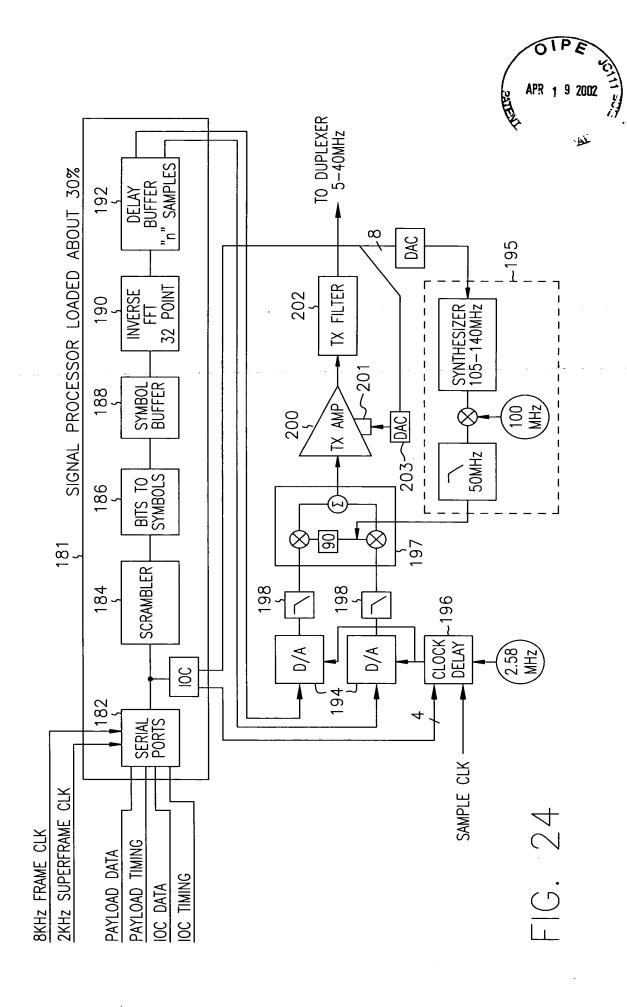
FIG. 18

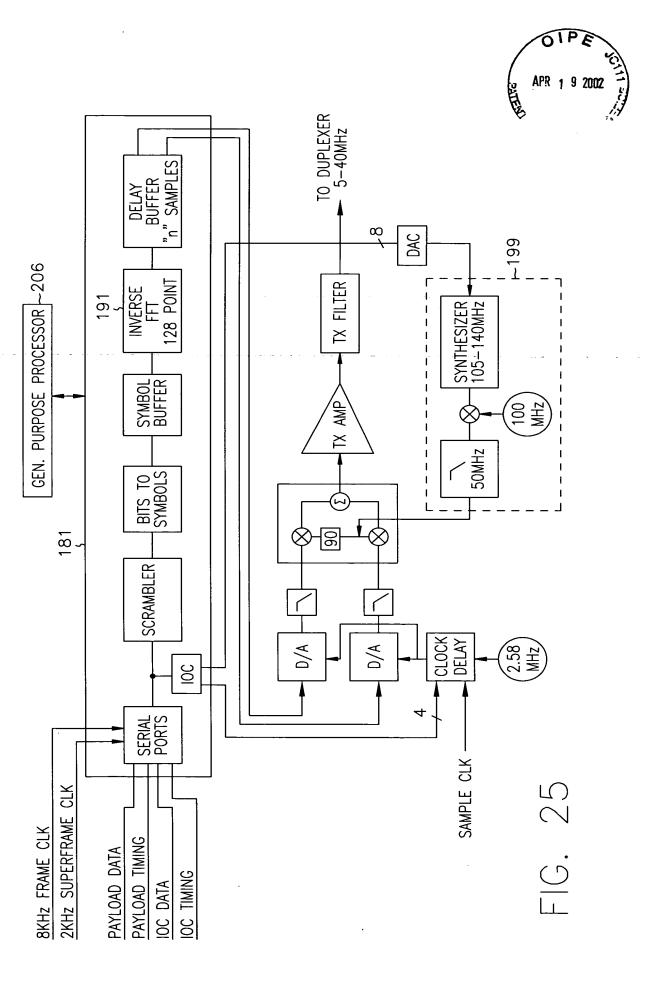


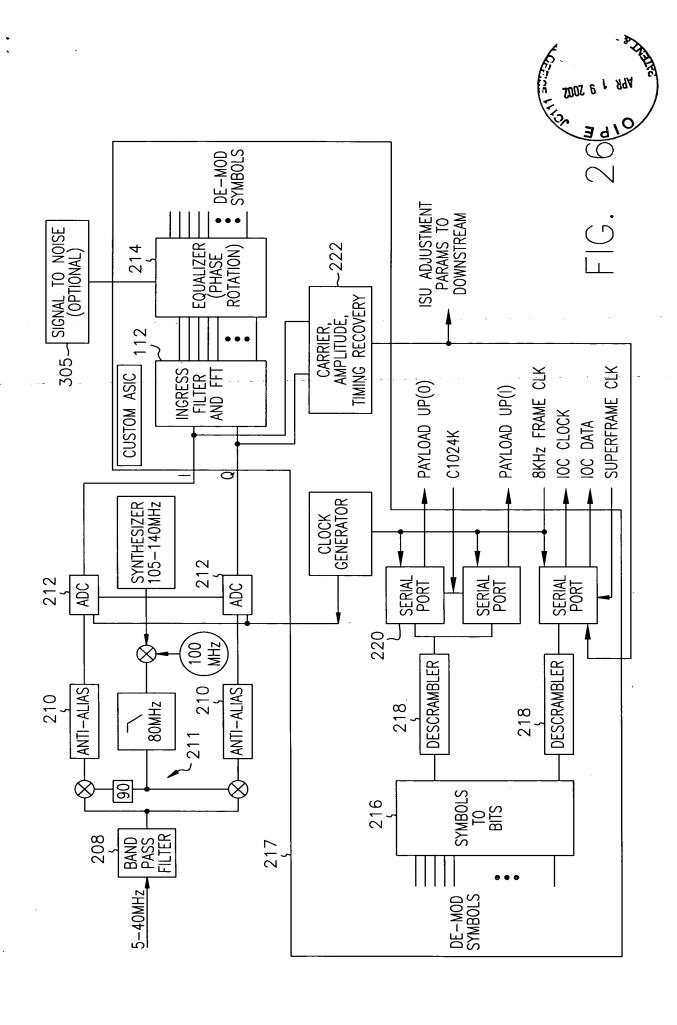














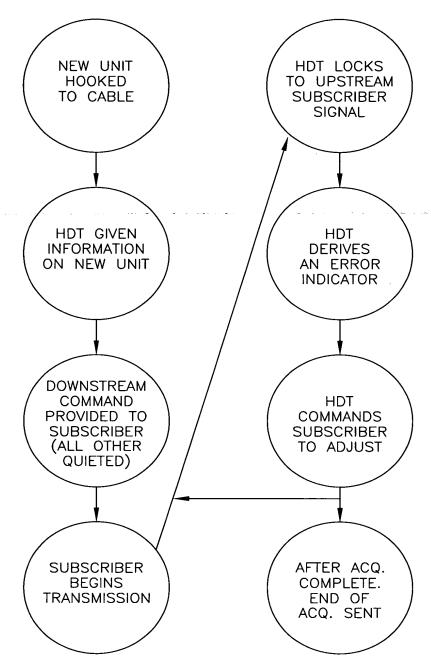


FIG. 27



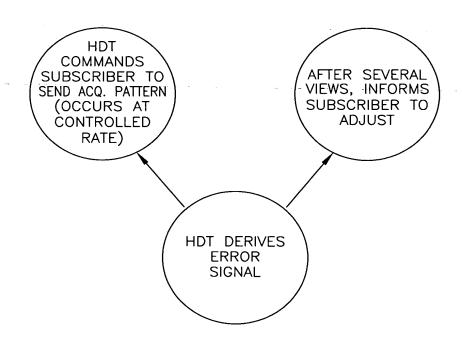
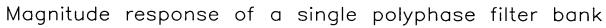


FIG. 28





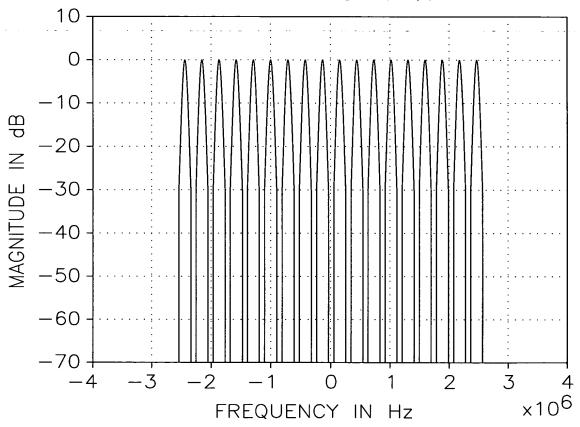
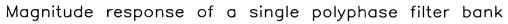


FIG. 29





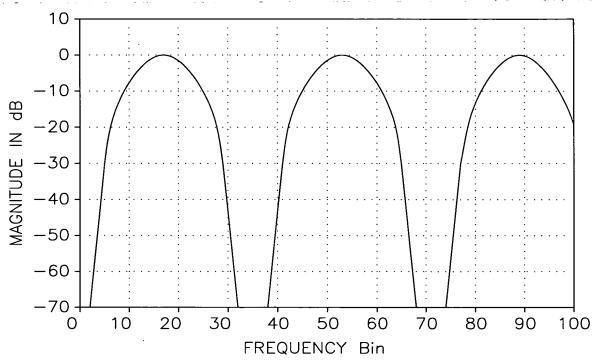
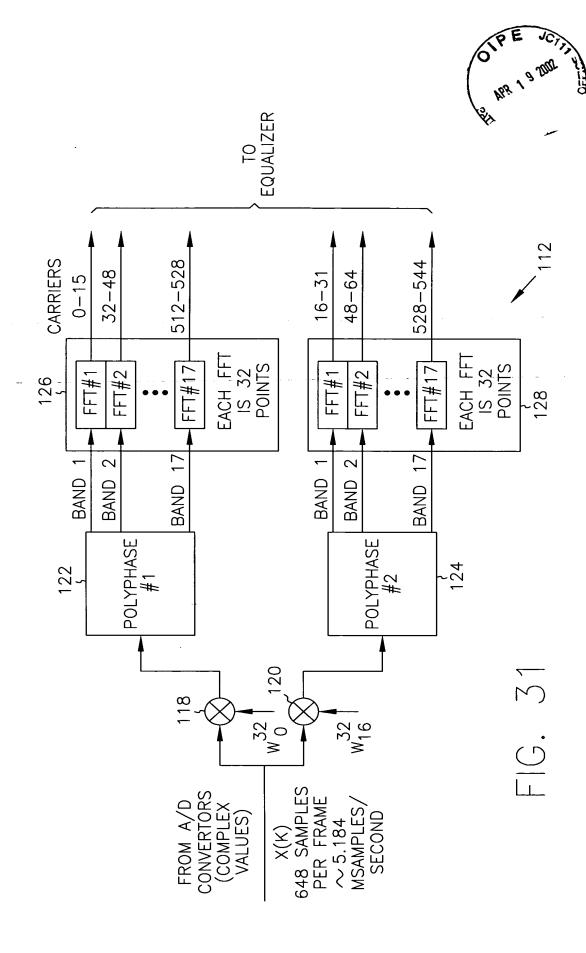
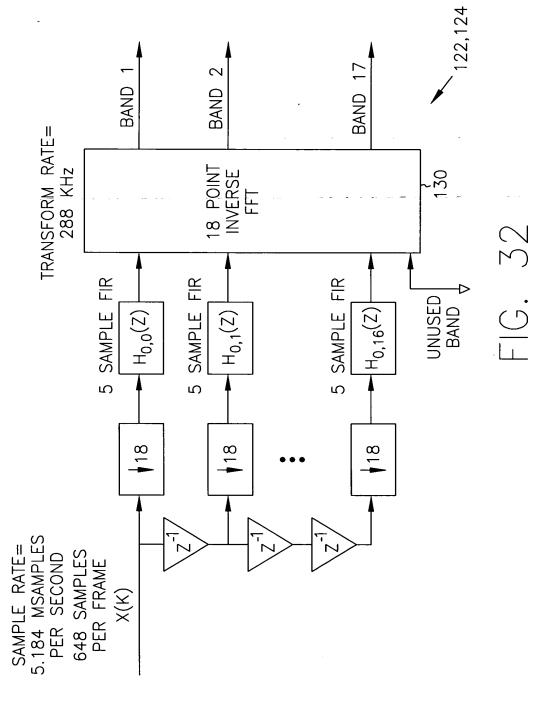
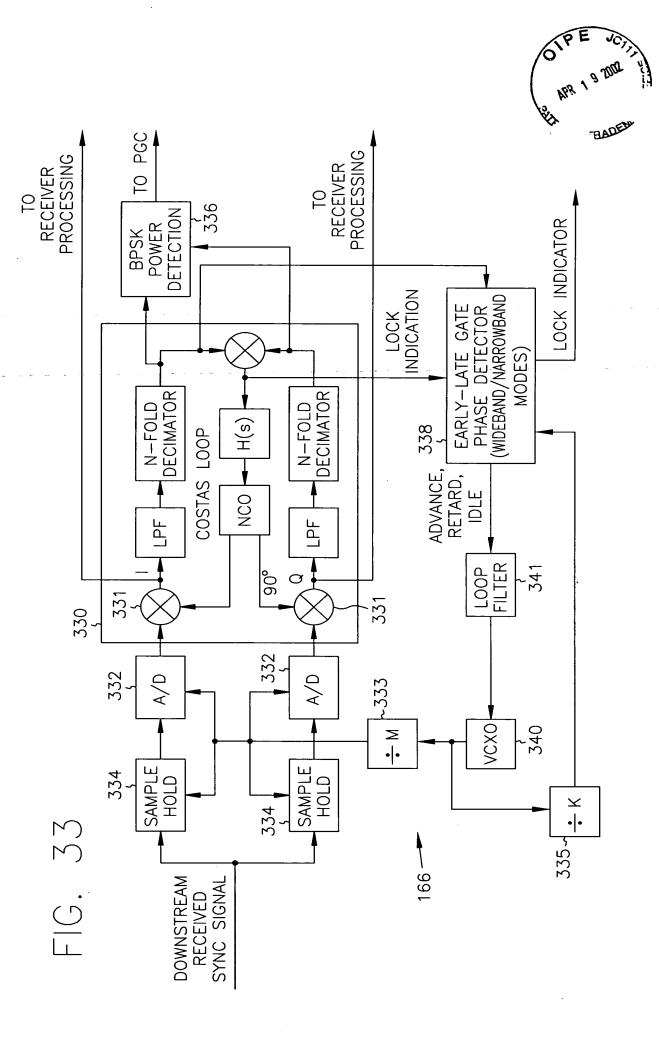


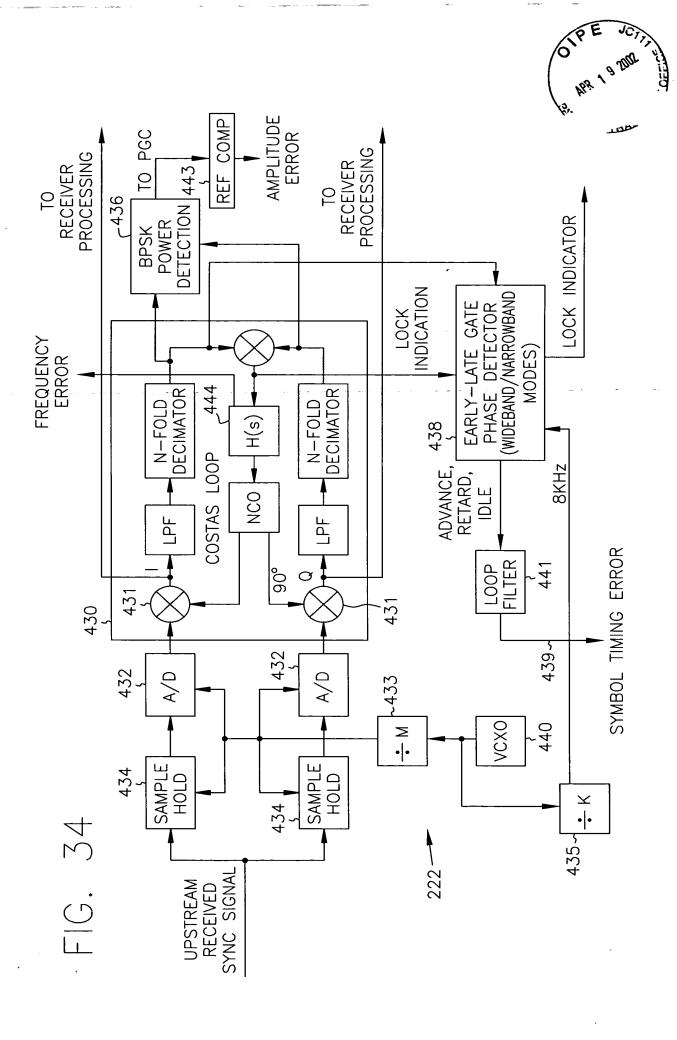
FIG. 30



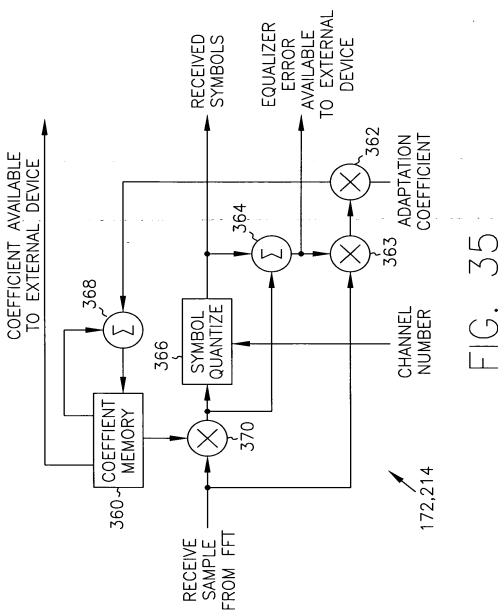




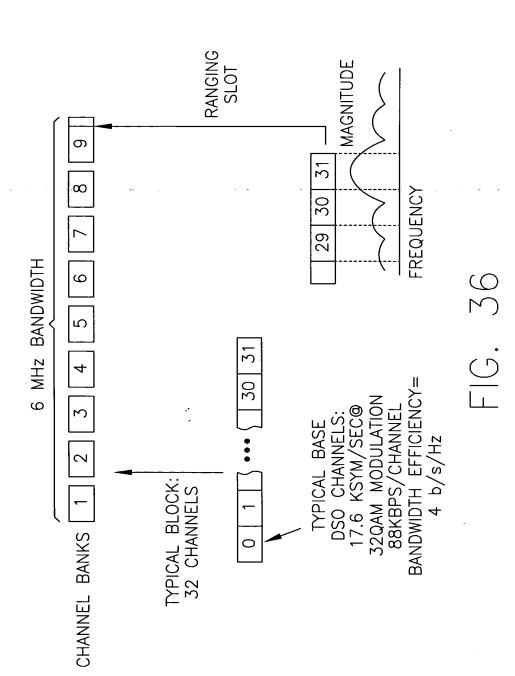


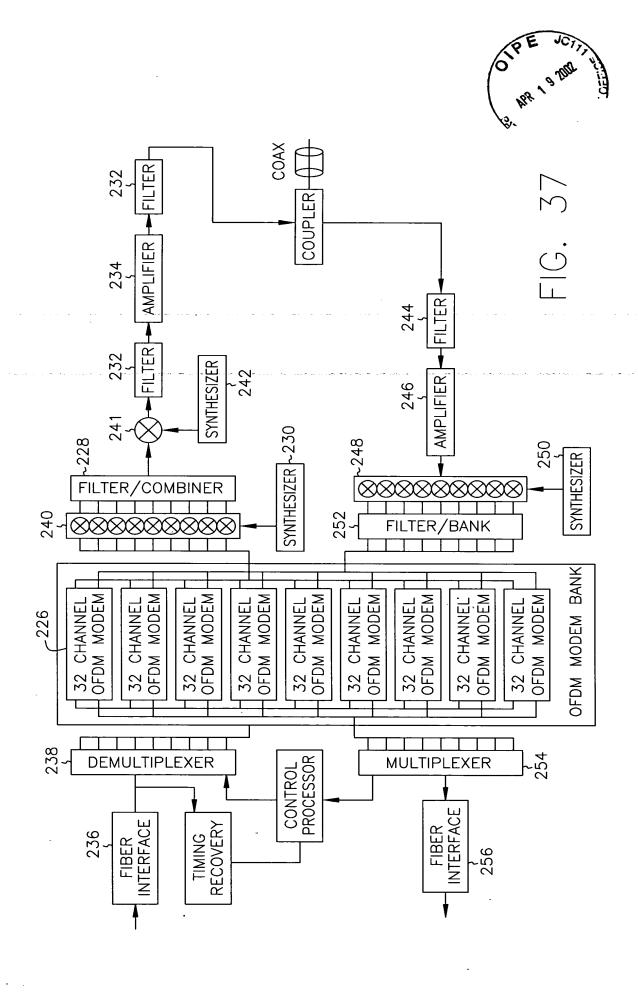


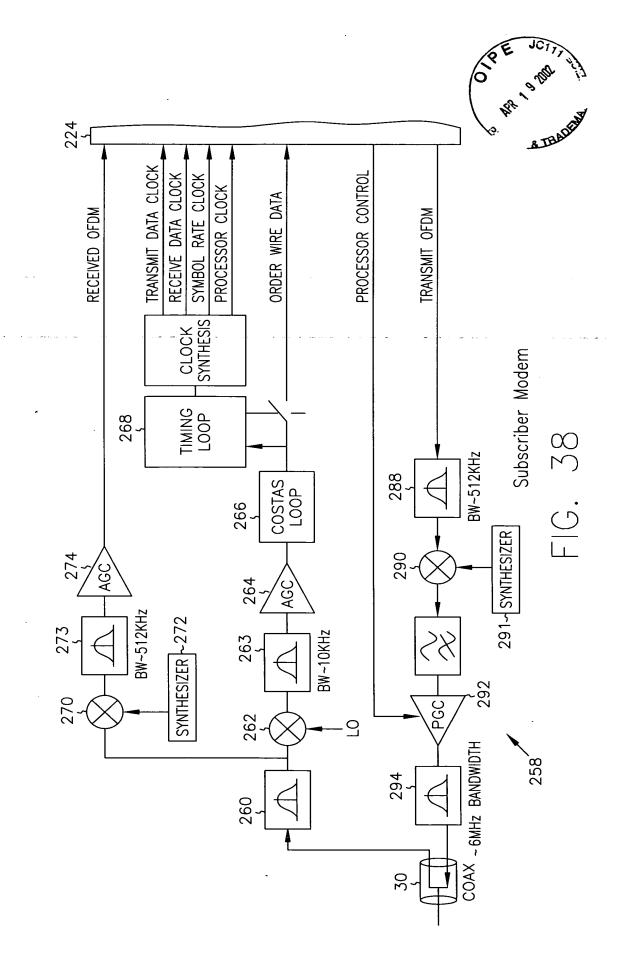




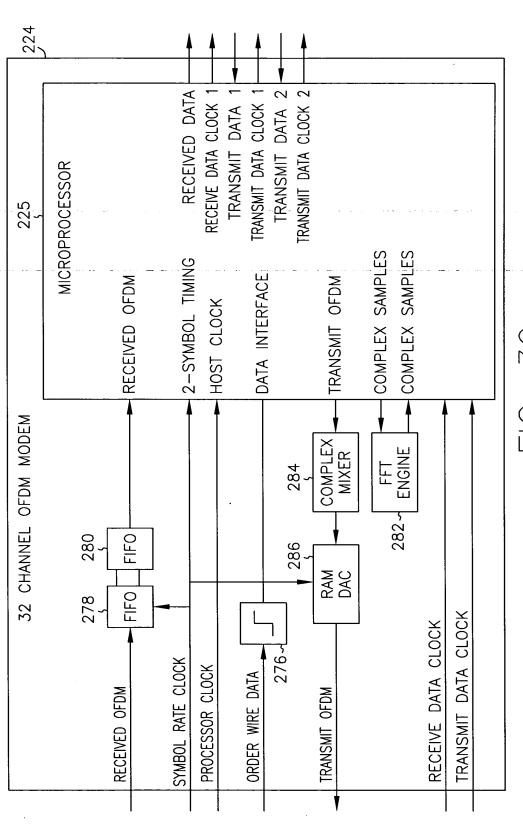














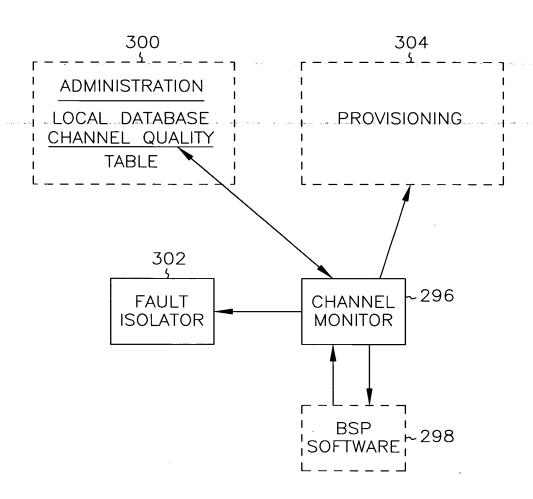
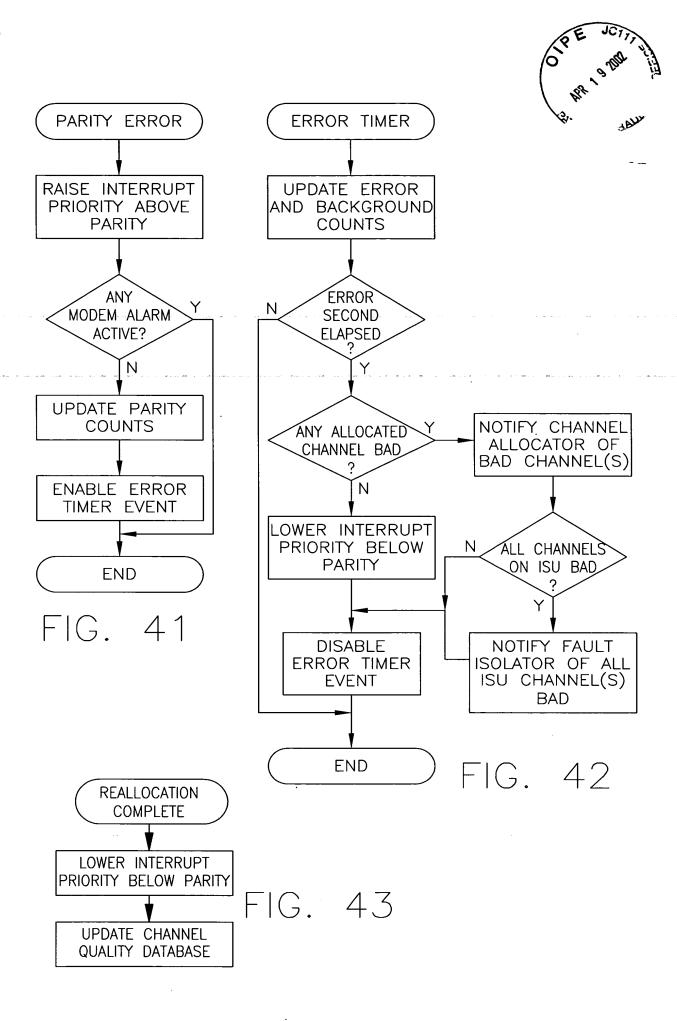
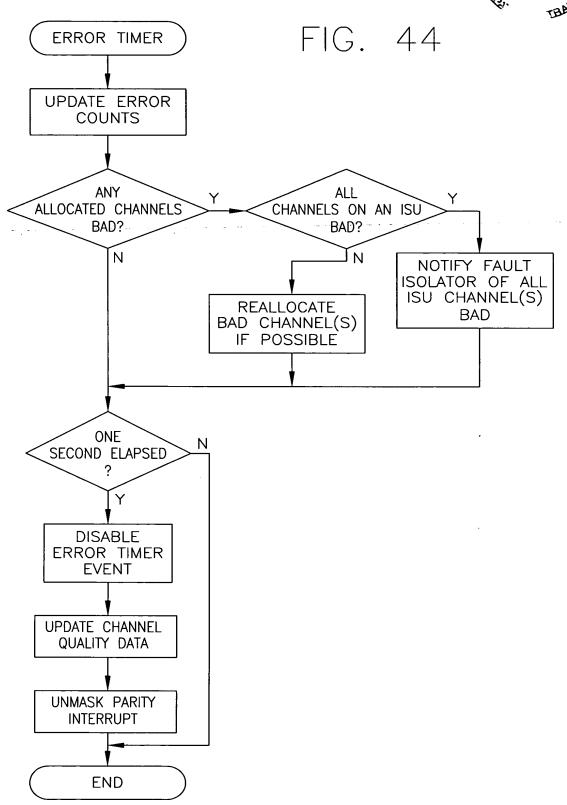


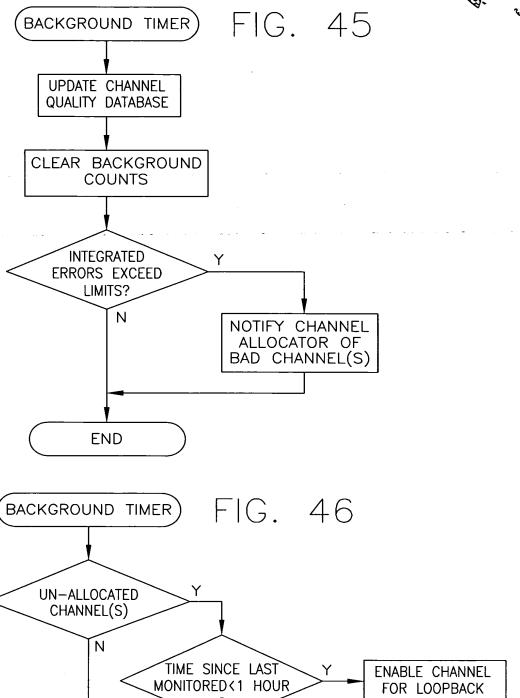
FIG. 40











N[^]

END

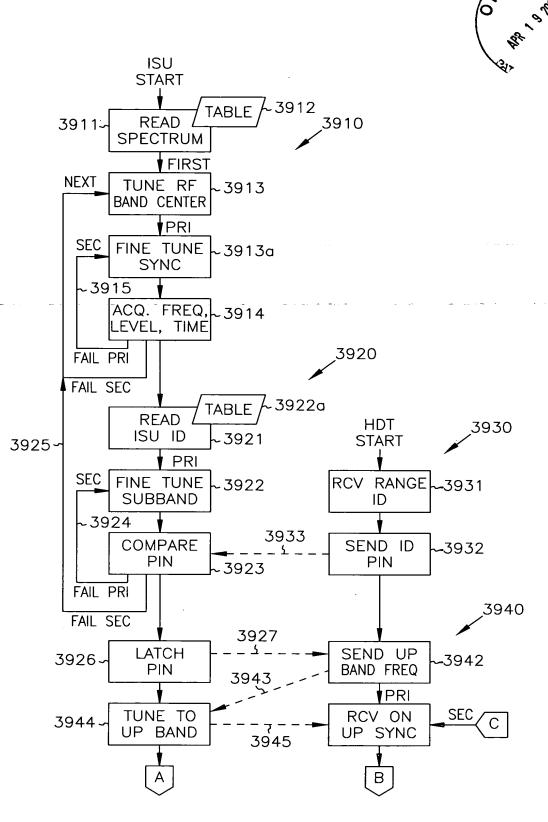
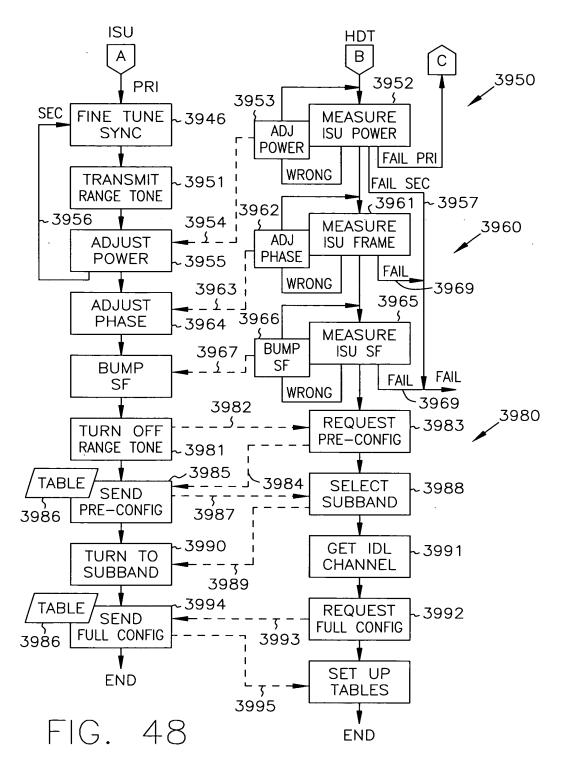


FIG. 47







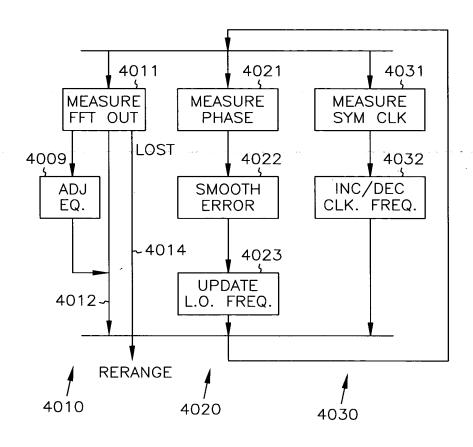


FIG. 49



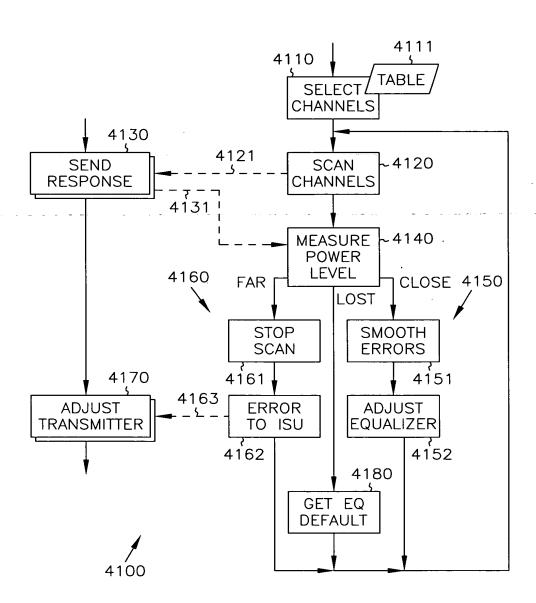
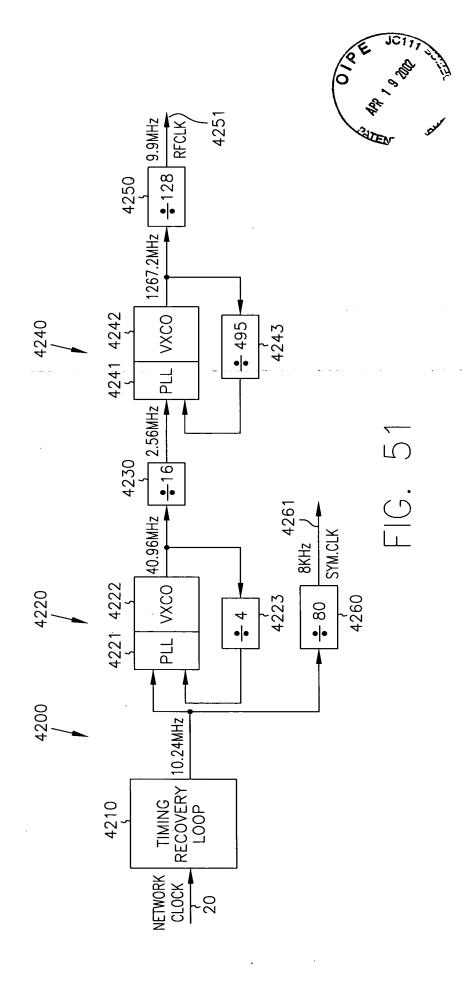


FIG. 50





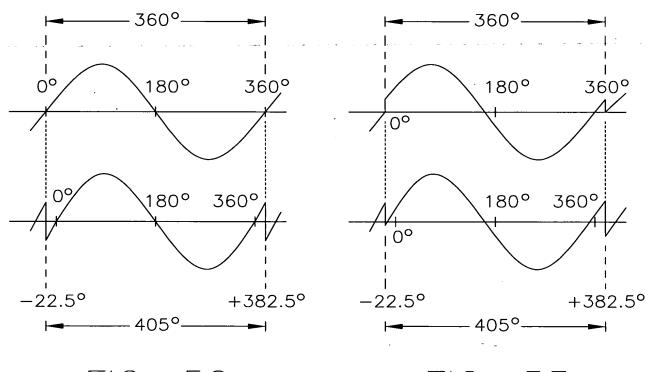
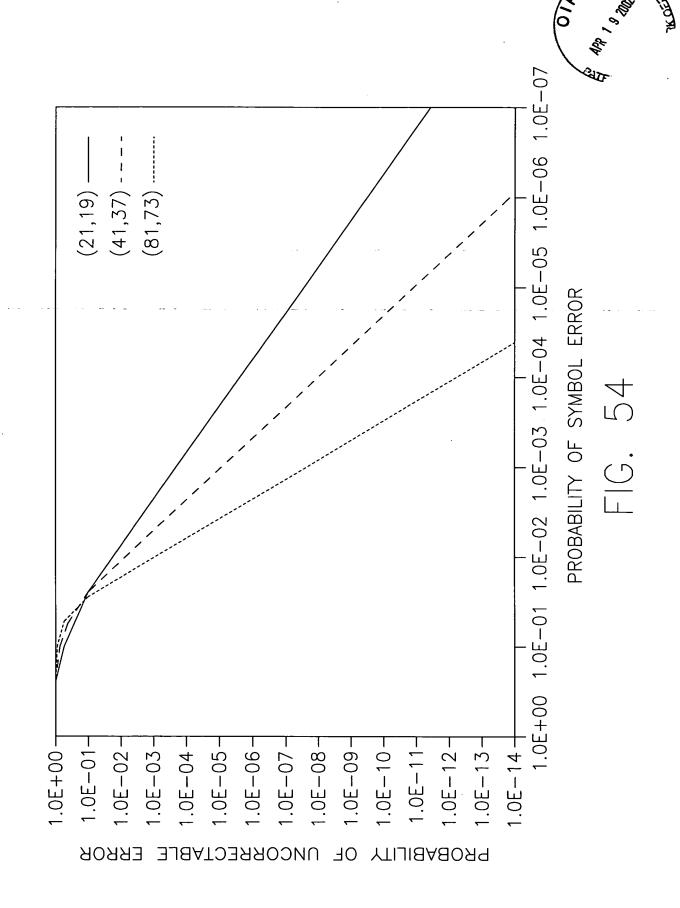


FIG. 52

FIG. 53





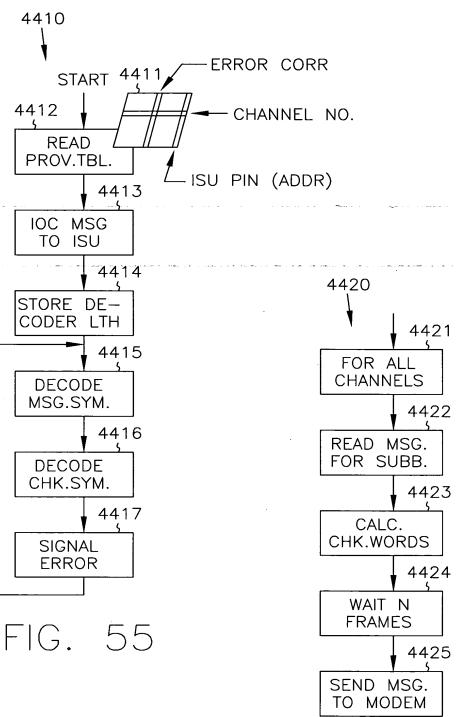


FIG. 56



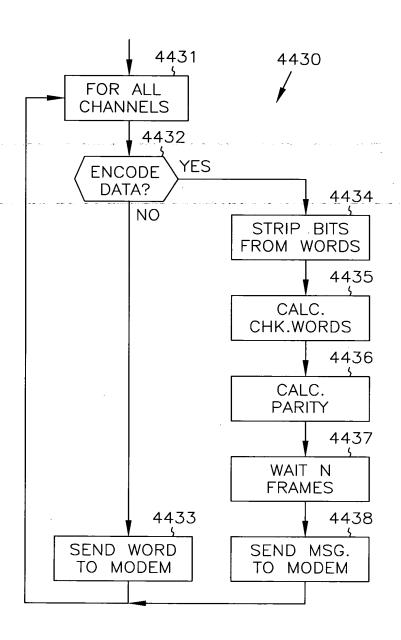
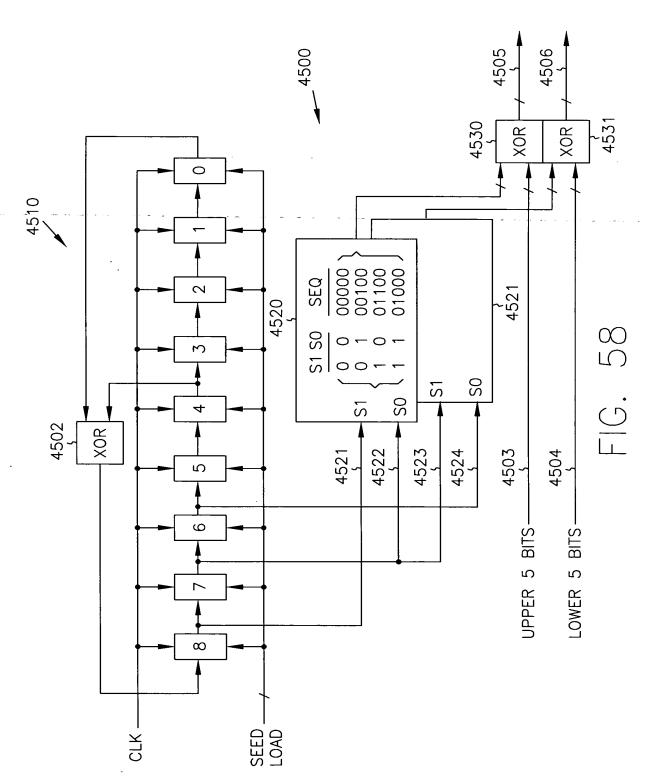


FIG. 57





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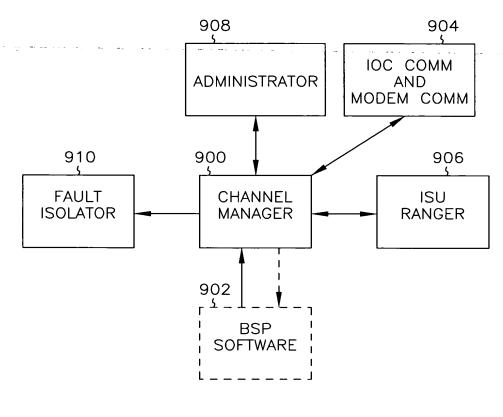
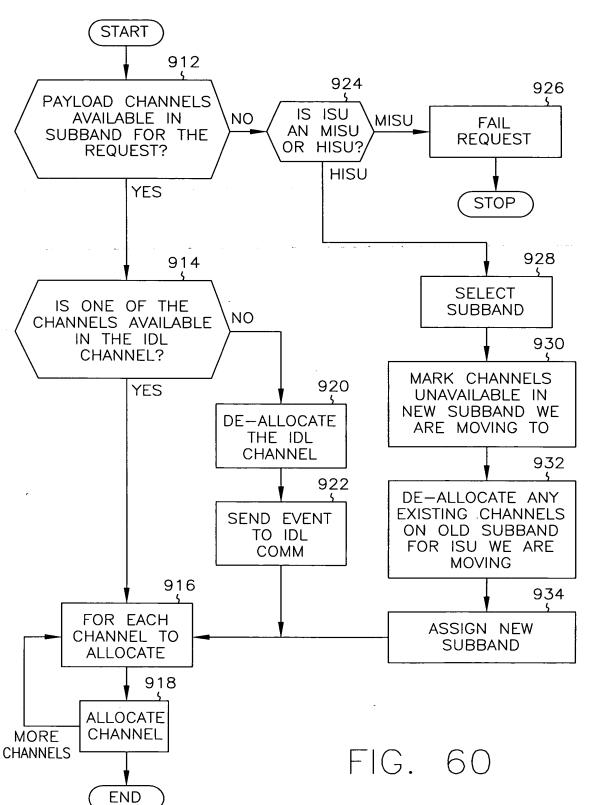


FIG. 59







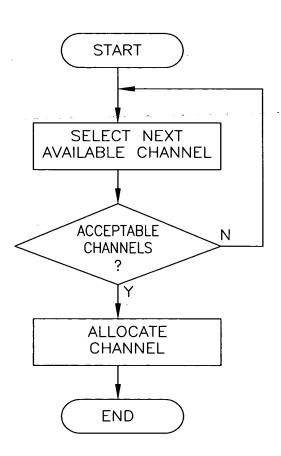


FIG. 61



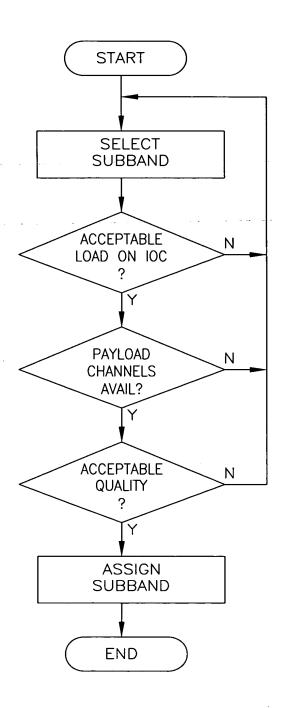


FIG. 62

6 MHz FREQUENCY SPECTRUM

LOWER LOWEST HISU

HIGHER

HIGHEST HISU

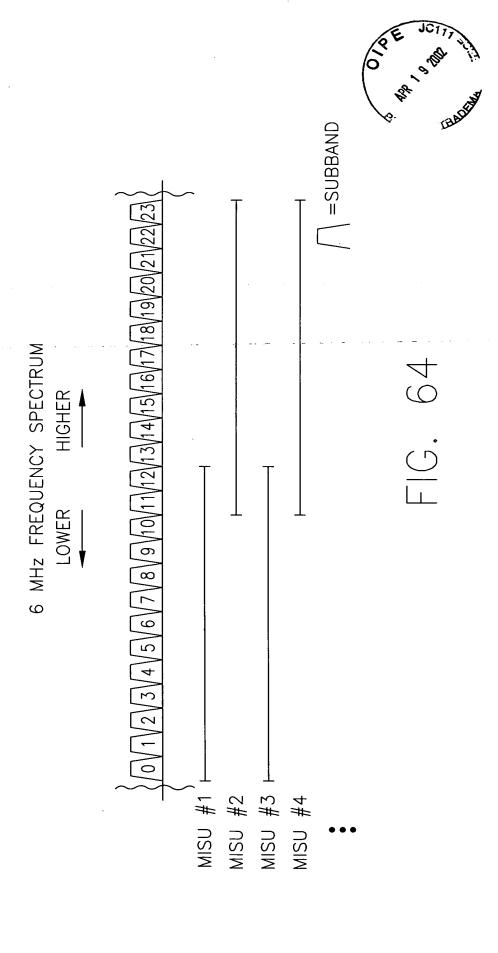
[0]\1]\2\3\4\5\6\7\8\9\10\11\12\13\14\15\16\17\18\19\20\21\22\23\

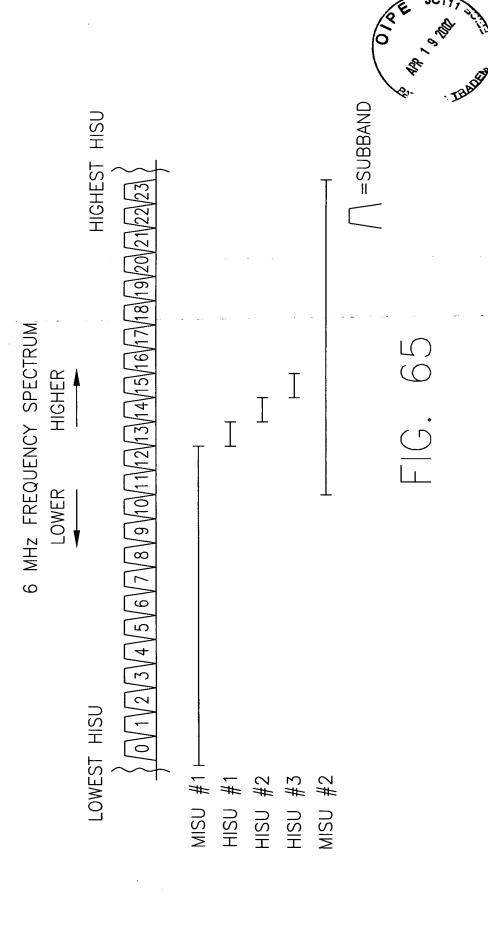
\ =SUBBAND

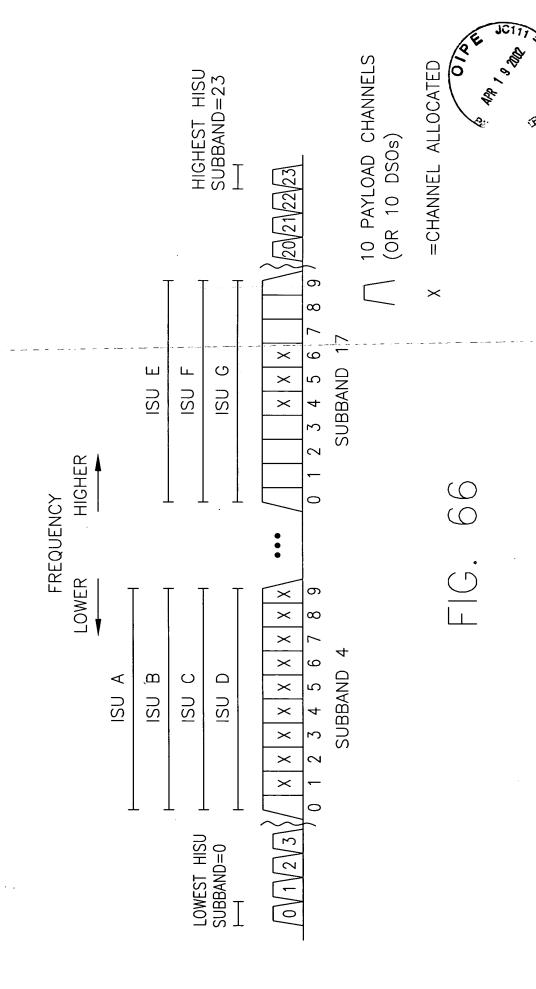
HISN #3 HISU #2 HISU #1

HISU #24 ├

HISU #4









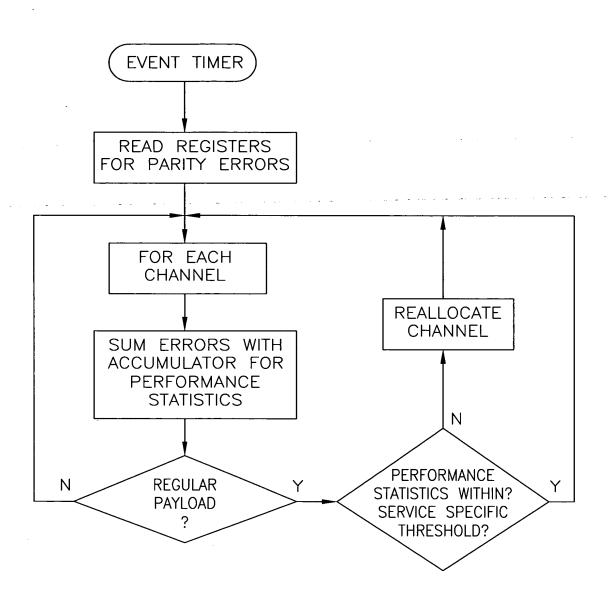


FIG. 68



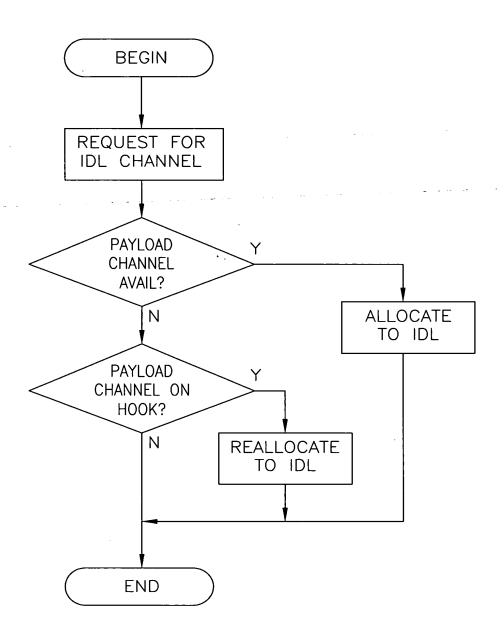
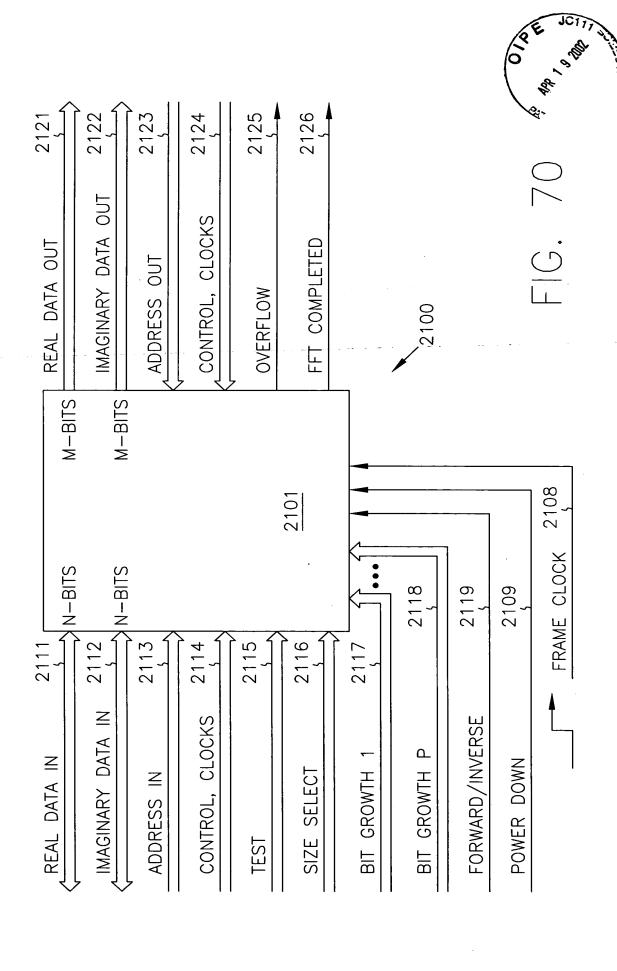
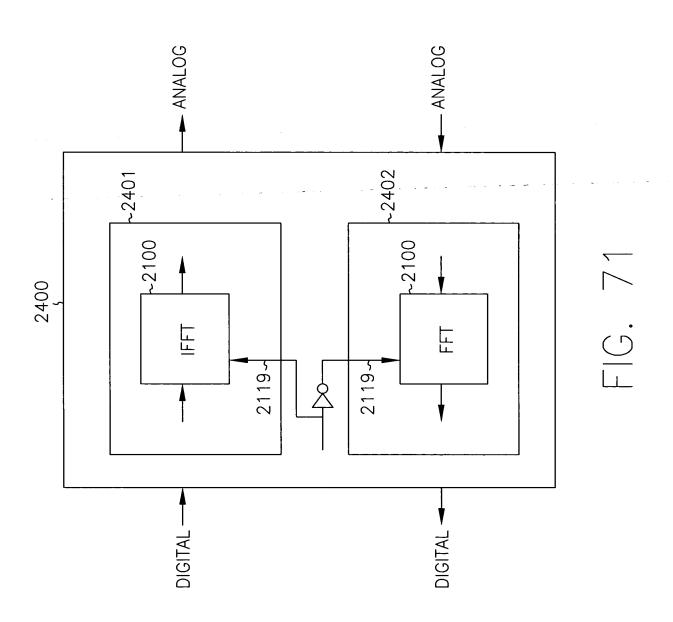
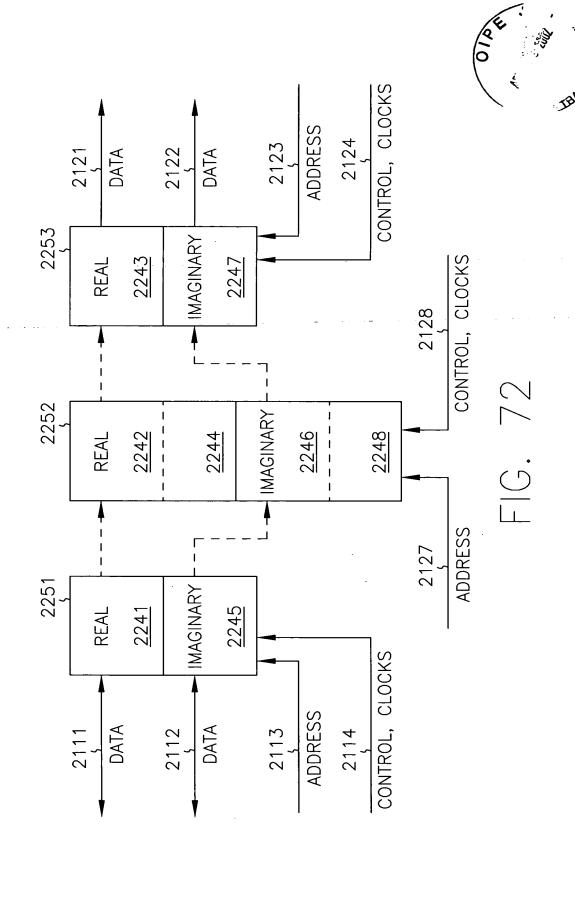


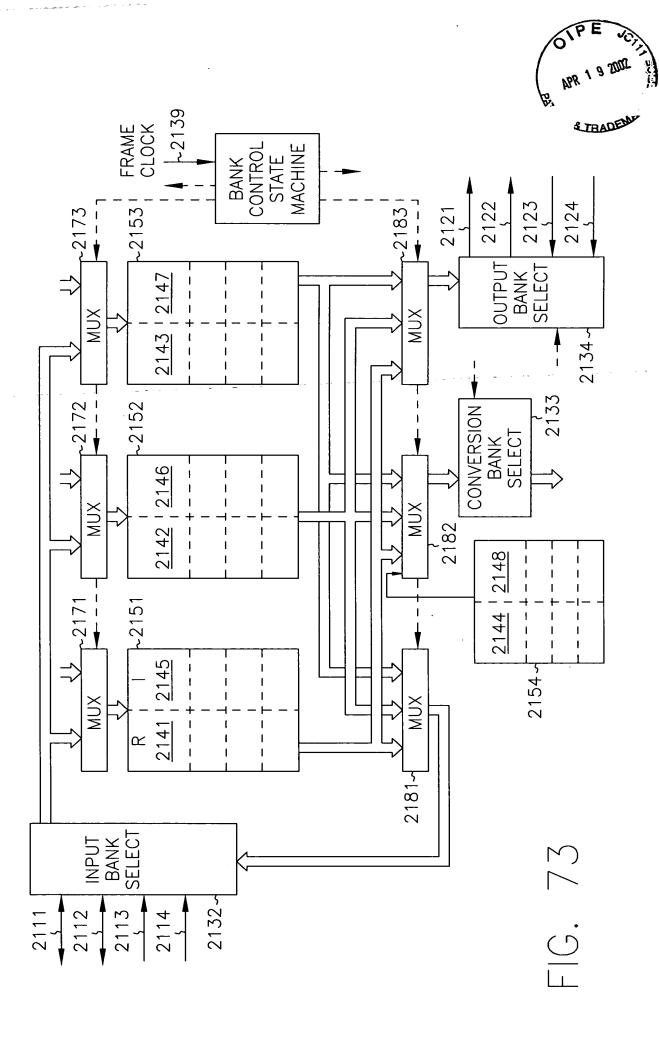
FIG. 69





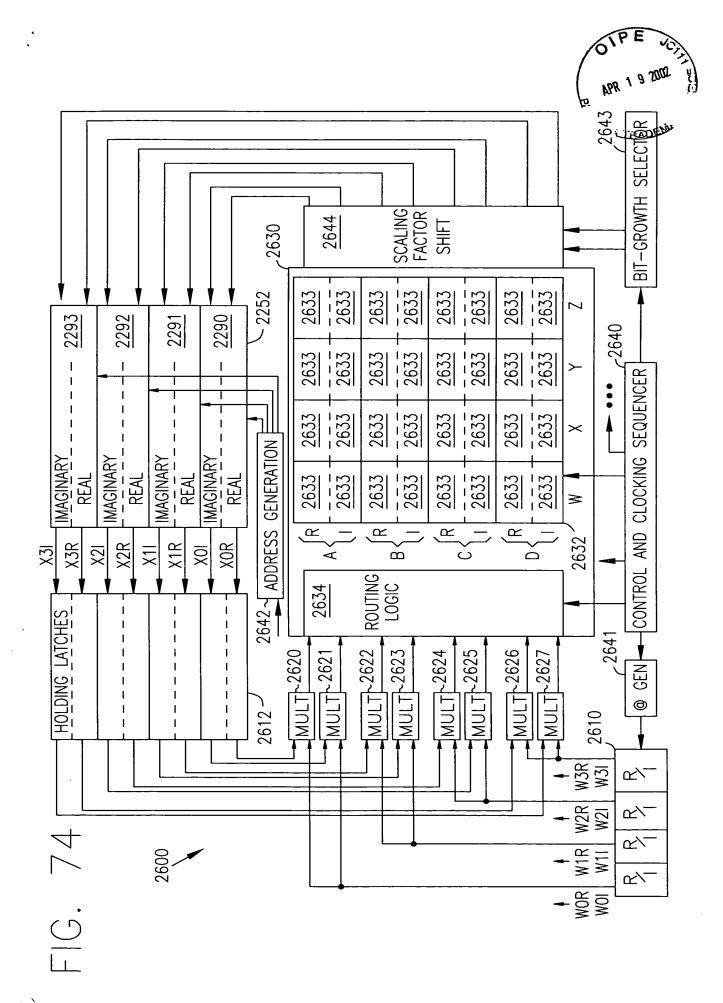






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SED BUTTERFLY:	
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~2632	2800		
AZR = ZR	BZR=ZR	CZR=ZR	DZR=ZR
AZI = ZI	BZI =ZI	CZI =ZI	DZI =ZI
AYR = YR	BYR = YR	CYR = YR	DYR = YR
AYI = YI	BYI = YI	CYI = YI	DYI = YI
AXR = XR	BXR=XR	CXR=XR	DXR=XR
AXI = XI	BXI =XI	CXI =XI	DXI =XI
AWR=WR	BWR=WR	CWR=WR	DWR=WR
AWI =WI	BWI =WI	CWI =WI	DWI =WI

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k-2632	•		
AZR=AZR -ZI	BZR=BZR -ZI	CZR=CZR –ZI	DZR=DZR -ZI
AZI=AZI +ZR	BZI=BZI +ZR	CZI=CZI +ZR	DZI=DZI +ZR
AYR=AYR -YI	BYR=BYR -YI	CYR=CYR -YI	DYR=DYR -YI
AYI=AYI +YR	BYI=BYI +YR	CYI=CYI +YR	DYI=DYI +YR
AXR=AXR -XI	BXR=BXR -XI	CXR=CXR -XI	DXR=DXR -XI
AXI=AXI +XR	BXI=BXI +XR	CXI=CXI +XR	DXI=DXI +XR
AWR=AWR -WI	BWR=BWR-WI	CWR=CWR-WI	DWR=DWR-WI
AWI=AWI +WR	BWI=BWI +WR	CWI=CWI +WR	DWI=DWI +WR

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	~2632	`		
	ZR=AZR -ZI	BZR=BZR -ZI	CZR=CZR -ZI	DZR=DZR –ZI
	ZI=AZI +ZR	BZI=BZI +ZR	CZI=CZI +ZR	DZI=DZI +ZR
	AYR=AYR -YR A	BYR=BYR -YR BYI=BYI -YI	CYR=CYR -YR CYI=CYI -YI	DYR=DYR -YR DYI=DYI -YI
	AXR=AXR +XI	BXR=BXR +XI	CXR=CXR +XI	DXR=DXR +XI
	AXI=AXI -XR	BXI=BXI -XR	CXI=CXI -XR	DXI=DXI -XR
!	AWR=AWR +WR	BWR=BWR+WR	CWR=CWR+WR	DWR=DWR+WR
	AWI=AWI +WI	BWI=BWI +WI	CWI=CWI +WI	DWI=DWI +WI

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AZR=AZR -ZR	BZR=BZR -ZR	CZR=CZR –ZR	DZR=DZR -ZR
AZI=AZI -ZI	BZI=BZI -ZI	CZI=CZI –ZI	DZI=DZI -ZI
AYR=AYR +YI	BYR=BYR +YI	CYR=CYR +YI	DYR=DYR +YI
AYI=AYI -YR	BYI=BYI -YR	CYI=CYI -YR	DYI=DYI -YR
AXR=AXR +XR	BXR=BXR +XR	CXR=CXR +XR	DXR=DXR +XR
AXI=AXI +XI	BXI=BXI +XI	CXI=CXI +XI	DXI=DXI +XI
AWR=AWR -WI	BWR=BWR-WI	CWR=CWR-WI	DWR=DWR-WI
AWI=AWI +WR	BWI=BWI +WR	CWI=CWI +WR	DWI=DWI +WR

C3

C2

_	1
(١

AXR=AXR -XR AYR=AYR +YR AZR=AZR -ZR ~2032 AXI=AXI -XI AYI=AYI +YI AZI=AZI -ZI	BXR=BXR - XR BYR=BYR + YR BZR=BZR - ZR SXI=BXI - XI BYI=BYI + YI BZI=BZI - ZI	CXR=CXR -XR CYR=CYR +YR CZR=CZR -ZR CXI=CXI -XI CYI=CYI +YI CZI=CZI -ZI	DXR=DXR -XR DYR=DYR +YR DZR=DZR -ZR DXI=DXI -XI DYI=DYI +YI DZI=DZI -ZI
AXR=AX	BXR=BX	CXR=CX	DXR=DX
AXI=AXI	BXI=BXI	CXI=CXI	DXI=DXI
AWR=AWR+WR	BWR=BWR+WR	CWR=CWR+WR	DWR=DWR+WR
AWI=AWI +WI	BWI=BWI +WI	CWI=CWI +WI	DWI=DWI +WI

C5

~2632	2800		
AZR=AZR +ZI	BZR=BZR +ZI	CZR=CZR +ZI	DZR=DZR +ZI
AZI=AZI –ZR	BZI=BZI –ZR	CZI=CZI –ZR	DZI=DZI –ZR
AYR=AYR -YI	BYR=BYR -YI	CYR=CYR -YI	DYR=DYR -YI
AYI=AYI +YR	BYI=BYI +YR	CYI=CYI +YR	DYI=DYI +YR
AXR=AXR +XI	BXR=BXR +XI	CXR=CXR +XI	DXR=DXR +XI
AXI=AXI -XR	BXI=BXI -XR	CXI=CXI -XR	DXI=DXI -XR
AWR=AWR -WI	BWR=BWR-WI	CWR=CWR-WI	DWR=DWR-WI
AWI=AWI +WR	BWI=BWI +WR	CWI=CWI +WR	DWI=DWI +WR

	2800		00
~2632	•		
AZR=AZR +ZI	BZR=BZR +ZI	CZR=CZR +ZI	DZR=DZR +ZI
AZI=AZI –ZR	BZI=BZI –ZR	CZI=CZI –ZR	DZI=DZI –ZR
AYR=AYR -YR	BYR=BYR -YR	CYR=CYR -YR	DYR=DYR -YR
AYI=AYI -YI	BYI=BYI -YI	CYI=CYI -YI	DYI=DYI -YI
AXR=AXR -XI	BXR=BXR -XI	CXR=CXR -XI	DXR=DXR -XI
AXI=AXI +XR	BXI=BXI +XR	CXI=CXI +XR	DXI=DXI +XR
AWR=AWR+WR	BWR=BWR+WR	CWR=CWR+WR	DWR=DWR+WR
AWI=AWI+WI	BWI=BWI +WI	CWI=CWI +WI	DWI=DWI +WI

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AZR=AZR –ZR	BZR=BZR – ZR	CZR=CZR – ZR	DZR=DZR –ZR
AZI=AZI +ZI	BZI=BZI + ZI	CZI=CZI + ZI	DZI=DZI +ZI
AYR=AYR +YI	BYR=BYR +YI	CYR=CYR +YI	DYR=DYR +YI
AYI=AYI -YR	BYI=BYI -YR	CYI=CYI -YR	DYI=DYI -YR
AXR=AXR -XR	BXR=BXR - XR	CWR=CWR-WI CXR=CXR -XR	DXR=DXR -XR
AXI=AXI -XI	BXI=BXI - XI	CWI=CWI +WR CXI=CXI -XI	DXI=DXI -XI
AWR=AWR -WI	BWR=BWR-WI	CWR=CWR-WI	DWR=DWR-WI
AWI=AWI +WR	BWI=BWI +WR	CWI=CWI +WR	DWI=DWI +WR

C2

THIS TABLE SHOWS THE ORDER OF CALCULATION FOR A TRANSPOSED BUTTERFLY:

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AZR =WR+XI-YR-ZI AZI =WI-XR-YI+ZR	-	1	1	1		1		2002)	AZR =AZR-(WI-XR-YI+ZR) AZI =AZI+(WR+XI-YR-ZI)	-	1		1	1	i	FIG.
			···				.		-ZI) R-ZR)		=	-	W 2			
AYR =WR-XR+YR-ZR AYI =WI-XI+YI-ZI	1	1	. 1	1		1			AYR =AYR-(WI-XI+YI- AYI =AYI+(WR-XR+YF	1		ı	1	I	1	
AXR =WR-XI-YR+ZI AXI =WI+XR-YI-ZR	1	1	1	1	_	1				-	1	I	-	1	1	
AWR =WR+XR+YR+ZR AWI =WI+XI+YI+ZI		ı	1	1		ı			AWR = AWR - (WI + XI + YI + ZI) $AWI = AWI + (WR + XR + YR + ZR)$	-	ı	Ι	ı		i	·
	AXR =WR-XI-YR+ZI AXI =WI+XR-YI-ZR AYI =WI-XI+YI-ZI	AXR =WR-XI-YR+ZI AYR =WR-XR+YR-ZR AZR =WR+XI-YR-ZI AXI =WI+XR-YI-ZR AZI =WI-XR-YI+ZR - -	AXR =WR-XI-YR+ZI AYR =WR-XR+YR-ZR AZR =WR+XI-YR-ZI AXI =WI+XR-YI-ZR AYI =WI-XI+YI-ZI AZI =WI-XR-YI+ZR - - -	AXR =WR-XI-YR+ZI AYR =WR-XR+YR-ZR AZR =WR+XI-YR-ZI AXI =WI+XR-YI-ZR AYI =WI-XI+YI-ZI AZI =WI-XR-YI+ZR - - - - - - - - - - - -	AXR =WR-XI-YR+ZI AYR =WR-XR+YR-ZR AZR =WR+XI-YR-ZI AXI =WI+XR-YI-ZR AYI =WI-XI+YI-ZI AZI =WI-XR-YI+ZR - - - - - - - - - - - - - - - - - - - - - - - -	AXR =WR-XI-YR+ZI AYR =WR-XR+YR-ZR AZR =WR+XI-YR-ZI AXI =WI+XR-YI-ZR AZI =WI-XR-YI+ZR - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	AXR = WR-XI-YR+ZI AYR = WR-XR+YR-ZR AZR = WR+XI-YR-ZI AXI = WI+XR-YI-ZR AYI = WI-XI+YI-ZI AZI = WI-XR-YI+ZR - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	VR = WR + XR + YR + ZR	AXR = WR-XI-YR+ZI AYR = WR-XR+YR-ZR AZR = WR+XI-YR-ZI AXI = WI+XR-YI-ZI AZI = WI-XR-YI+ZR - - -	VR =WR+XR+YR+ZR AXR =WR-XI-YR+ZI AYR =WR-XR+YR-ZR AZR =WR+XI-YR-ZI VI =WI+XI+YI+ZI AXI =WI+XR-YI-ZR AZR =WR+XI-YR-ZI — — — — <td>I/R =WR+XR+YR+ZR AXR =WR-XI-YR+ZI AYR =WR-XR-YR-ZR AZI =WR+XI-YR-ZI I/I =WI+XI+YI+ZI AXI =WI-XR-YI-ZR — — — — I/R =AWR-(WI+XR-YI-ZR) AXR =AXR-(WI+XR-XI-ZR) AYR =AXR-(WI-XR-YI-ZR) AXR =AXR-(WI-XR-YI-ZR) AXR =AXR-(WI-XR-YI-ZR) AXI =AXI+(WR-XR-YR-ZR) —<!--</td--><td>VR = WR+XR+YR+ZR AXR = WR-XI-YR+ZI AYR = WR-XI+YR-ZR AZR = WR+XI-YR-ZI VI = WI+XI+YI+ZI AXI = WI+XR-YI-ZR AZR = WR-XR-YI+ZR AXI = WI-XI+YI-ZI AZR = WR-XR-YR-ZI AZR = WR-XI-YR-ZI AZR = WR-XI-YR-ZI</td><td>I/I = WR+XR+YR+ZR AXR = WR-XI-YR+ZI AYR = WR-XR+YR-ZR AZR = WR+XI-YR-ZI I/I = WI+XI+YI+ZI AXI = WI+XR-YI-ZR AZR = WR+XI-YR-ZI I/I = AWI+(WR+XR+YR+ZR) AXR = WXR-(WI+XR-YI-ZR) AYR = AYR-(WI-XI-YR-ZI) I/I = AWI+(WR+XR+YR+ZR) AXI = AXI+(WR-XI-YR+ZI) AYR = AYR-(WI-XI-YR-ZI) I/I = AWI+(WR+XR+YR+ZR) AXI = AXI+(WR-XI-YR-ZI) AYI = AYI+(WR-XR+YR-ZR)</td><td>I/R =WR+XR+YR+ZR AXR =WR-XI-YR+ZI AYR =WR-XR+YR-ZR AZI =WI-XI-YR-ZI 2810 I/I =WI+XI+YI+ZI AXI =WI-XI-YR-ZI AYI =WI-XI+YI-ZI 2810 I/I =AWI-(WI+XI+YI+ZI) AXR =AXR-(WI+XR-YI-ZR) AYR =AYR-(WI-XI+YI-ZR) AZR =AZR-(WI-XR-XI-ZR) AZR =AZR-(WI-XR-XI-ZR) AZI =AZI+(WR-XI-YR-ZI) AZI =AZI+(WR+XR-YR-ZI) AZI =AZI+(WR-XI-YR-ZI) AZI</td><td> R = WR + XR + YR + ZR</td><td> R = WR + XR + YR + ZR</td></td>	I/R =WR+XR+YR+ZR AXR =WR-XI-YR+ZI AYR =WR-XR-YR-ZR AZI =WR+XI-YR-ZI I/I =WI+XI+YI+ZI AXI =WI-XR-YI-ZR — — — — I/R =AWR-(WI+XR-YI-ZR) AXR =AXR-(WI+XR-XI-ZR) AYR =AXR-(WI-XR-YI-ZR) AXR =AXR-(WI-XR-YI-ZR) AXR =AXR-(WI-XR-YI-ZR) AXI =AXI+(WR-XR-YR-ZR) — </td <td>VR = WR+XR+YR+ZR AXR = WR-XI-YR+ZI AYR = WR-XI+YR-ZR AZR = WR+XI-YR-ZI VI = WI+XI+YI+ZI AXI = WI+XR-YI-ZR AZR = WR-XR-YI+ZR AXI = WI-XI+YI-ZI AZR = WR-XR-YR-ZI AZR = WR-XI-YR-ZI AZR = WR-XI-YR-ZI</td> <td>I/I = WR+XR+YR+ZR AXR = WR-XI-YR+ZI AYR = WR-XR+YR-ZR AZR = WR+XI-YR-ZI I/I = WI+XI+YI+ZI AXI = WI+XR-YI-ZR AZR = WR+XI-YR-ZI I/I = AWI+(WR+XR+YR+ZR) AXR = WXR-(WI+XR-YI-ZR) AYR = AYR-(WI-XI-YR-ZI) I/I = AWI+(WR+XR+YR+ZR) AXI = AXI+(WR-XI-YR+ZI) AYR = AYR-(WI-XI-YR-ZI) I/I = AWI+(WR+XR+YR+ZR) AXI = AXI+(WR-XI-YR-ZI) AYI = AYI+(WR-XR+YR-ZR)</td> <td>I/R =WR+XR+YR+ZR AXR =WR-XI-YR+ZI AYR =WR-XR+YR-ZR AZI =WI-XI-YR-ZI 2810 I/I =WI+XI+YI+ZI AXI =WI-XI-YR-ZI AYI =WI-XI+YI-ZI 2810 I/I =AWI-(WI+XI+YI+ZI) AXR =AXR-(WI+XR-YI-ZR) AYR =AYR-(WI-XI+YI-ZR) AZR =AZR-(WI-XR-XI-ZR) AZR =AZR-(WI-XR-XI-ZR) AZI =AZI+(WR-XI-YR-ZI) AZI =AZI+(WR+XR-YR-ZI) AZI =AZI+(WR-XI-YR-ZI) AZI</td> <td> R = WR + XR + YR + ZR</td> <td> R = WR + XR + YR + ZR</td>	VR = WR+XR+YR+ZR AXR = WR-XI-YR+ZI AYR = WR-XI+YR-ZR AZR = WR+XI-YR-ZI VI = WI+XI+YI+ZI AXI = WI+XR-YI-ZR AZR = WR-XR-YI+ZR AXI = WI-XI+YI-ZI AZR = WR-XR-YR-ZI AZR = WR-XI-YR-ZI AZR = WR-XI-YR-ZI	I/I = WR+XR+YR+ZR AXR = WR-XI-YR+ZI AYR = WR-XR+YR-ZR AZR = WR+XI-YR-ZI I/I = WI+XI+YI+ZI AXI = WI+XR-YI-ZR AZR = WR+XI-YR-ZI I/I = AWI+(WR+XR+YR+ZR) AXR = WXR-(WI+XR-YI-ZR) AYR = AYR-(WI-XI-YR-ZI) I/I = AWI+(WR+XR+YR+ZR) AXI = AXI+(WR-XI-YR+ZI) AYR = AYR-(WI-XI-YR-ZI) I/I = AWI+(WR+XR+YR+ZR) AXI = AXI+(WR-XI-YR-ZI) AYI = AYI+(WR-XR+YR-ZR)	I/R =WR+XR+YR+ZR AXR =WR-XI-YR+ZI AYR =WR-XR+YR-ZR AZI =WI-XI-YR-ZI 2810 I/I =WI+XI+YI+ZI AXI =WI-XI-YR-ZI AYI =WI-XI+YI-ZI 2810 I/I =AWI-(WI+XI+YI+ZI) AXR =AXR-(WI+XR-YI-ZR) AYR =AYR-(WI-XI+YI-ZR) AZR =AZR-(WI-XR-XI-ZR) AZR =AZR-(WI-XR-XI-ZR) AZI =AZI+(WR-XI-YR-ZI) AZI =AZI+(WR+XR-YR-ZI) AZI =AZI+(WR-XI-YR-ZI) AZI	R = WR + XR + YR + ZR	R = WR + XR + YR + ZR

	(2810 /	•					82		(2810 /	•		þi (APR 1	g 2000
, 2632		1	BZR =WR+XI-YR-ZI BZI =WI-XR-YI+ZR	1	. —		1	FIG.	, 2632	I		BZR =BZR-(WI-XR-YI+ZR) BZI =BZI+(WR+XI-YR-ZI)		1	1	I
			BYR =WR-XR+YR-ZR BYI =WI-XI+YI-ZI	1		1	1		.	I		BYR =BYR-(WI-XI+YI-ZI) BYI =BYI+(WR-XR+YR-ZR)	1		1	
	I	ı	BXR =WR-XI-YR+ZI BXI =WI+XR-YI-ZR	I		ı	ı			-		BXR =BXR-(WI+XR-YI-ZR) BXI =BXI+(WR-XI-YR+ZI)	1	ı	ı	1.
C2 ⁻	1		BWR=WR+XR+YR+ZR BWI=WI+XI+YI+ZI	ı	í	1	1		C3		1	BWR =BWR-(WI+XI+YI+ZI) BWI =BWI+(WR+XR+YR+ZR)	I	ı	1	ı

FIG. 8 OFFER 1919

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CWR =WR+XR+YR+ZR CWI =WI+XI+YI+ZI	CXR =WR-XI-YR+ZI CXI =WI+XR-YI-ZR	CYR =WR-XR+YR-ZR CYI =WI-XI+YI-ZI	CZR =WR+XI-YR-ZI CZI =WI-XR-YI+ZR	
ľ	1	_	I	
ı	1	1	1	
		=	FIG. 8	<u> </u>
C5			2632	
	1	-		
I	ı	1	ı	2810 /
	I	-		`
I	1			
CWR =CWR-(WI+XI+YI+ZI) CWI =CWI+(WR+XR+YR+ZR)	CWR =CWR-(WI+XI+YI+ZI) CXR =CXR-(WI+XR-YI-ZR) CWI =CWI+(WR+XR+YR+ZR) CXI =CXI+(WR-XI-YR+ZI)	CYR =CYR-(WI-XI+YI-ZI) CYI =CYI+(WR-XR+YR-ZR)	CZR =CZR-(WI-XR-YI+ZR) CZI =CZI+(WR+XI-YR-ZI)	B
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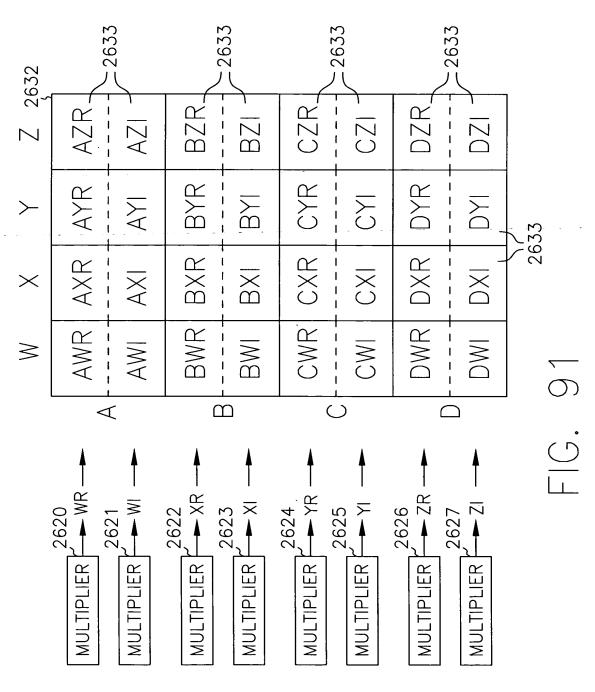
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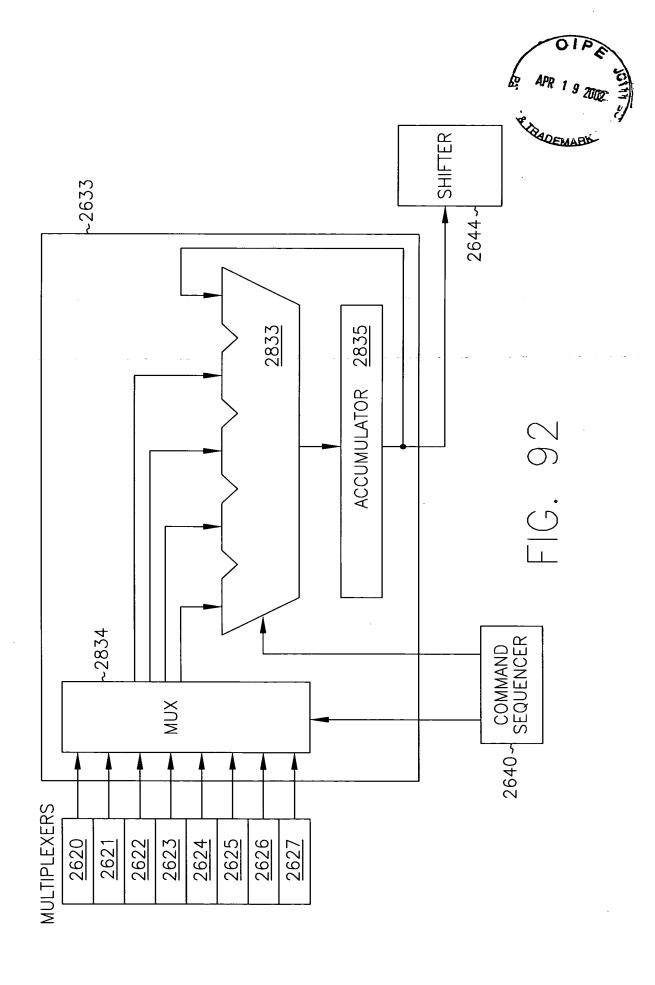
C4

FIG. 88

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, 2632	1	7		1	I		DZR =WR+XI-YR-ZI DZI =WI-XR-YI+ZR	FIG. 89	, 2632	ı	1	1	-	1		DZR =DZR-(WI-XR-YI+ZR) DZI =DZI+(WR+XI-YR-ZI)
	ı			_		1	DYR =WR-XR+YR-ZR DYI =WI-XI+YI-ZI			l	1	ı	_		1	DYR =DYR-(WI-XI+YI-ZI) DYI =DYI+(WR-XR+YR-ZR)
	ı	_	I	ľ	I	_	DXR =WR-XI-YR+ZI DXI =WI+XR-YI-ZR			I	i				ı	DXR =DXR-(WI+XR-YI-ZR) DXI =DXI+(WR-XI-YR+ZI)
. 90	ı	1		I	1	I	DWR =WR+XR+YR+ZR DWI =WI+XI+YI+ZI		C7	1	ı	-	1	1	ı	DWR = DWR-(WI+XI+YI+ZI) DWI = DWI+(WR+XR+YR+ZR)









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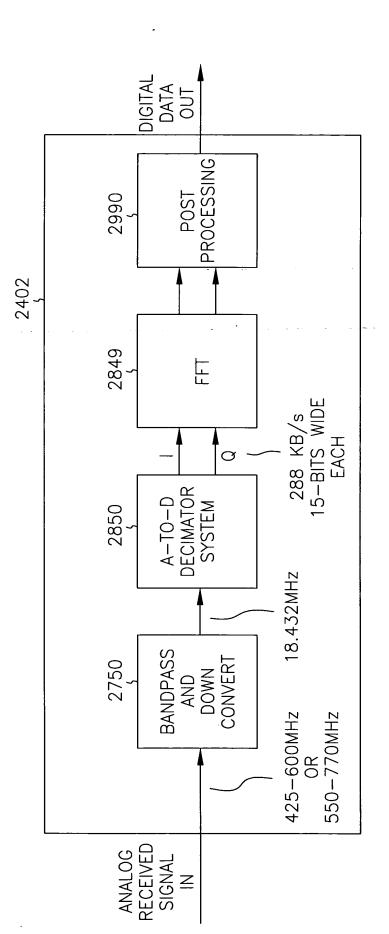
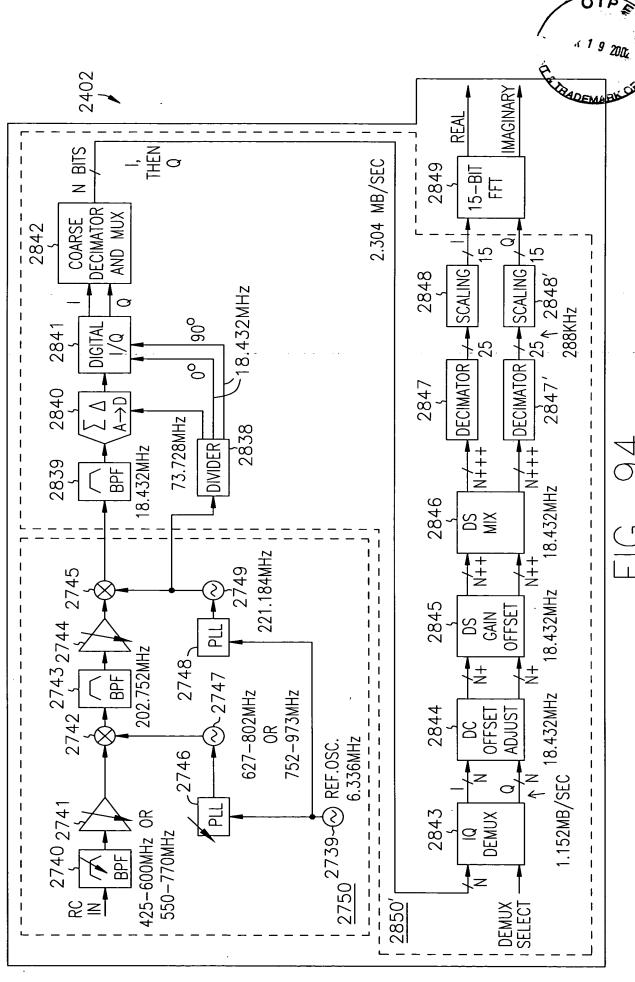
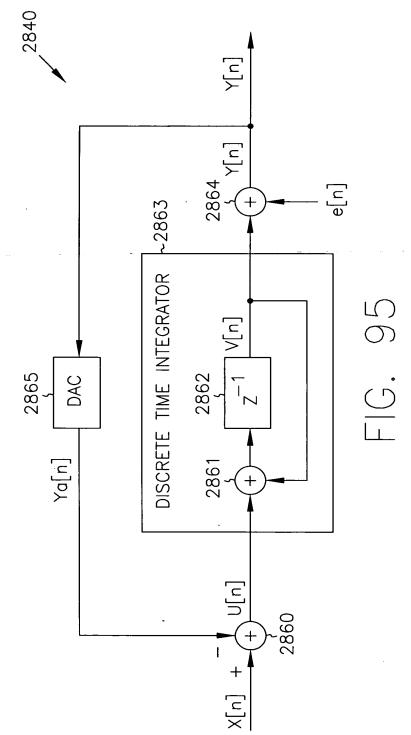


FIG. 93



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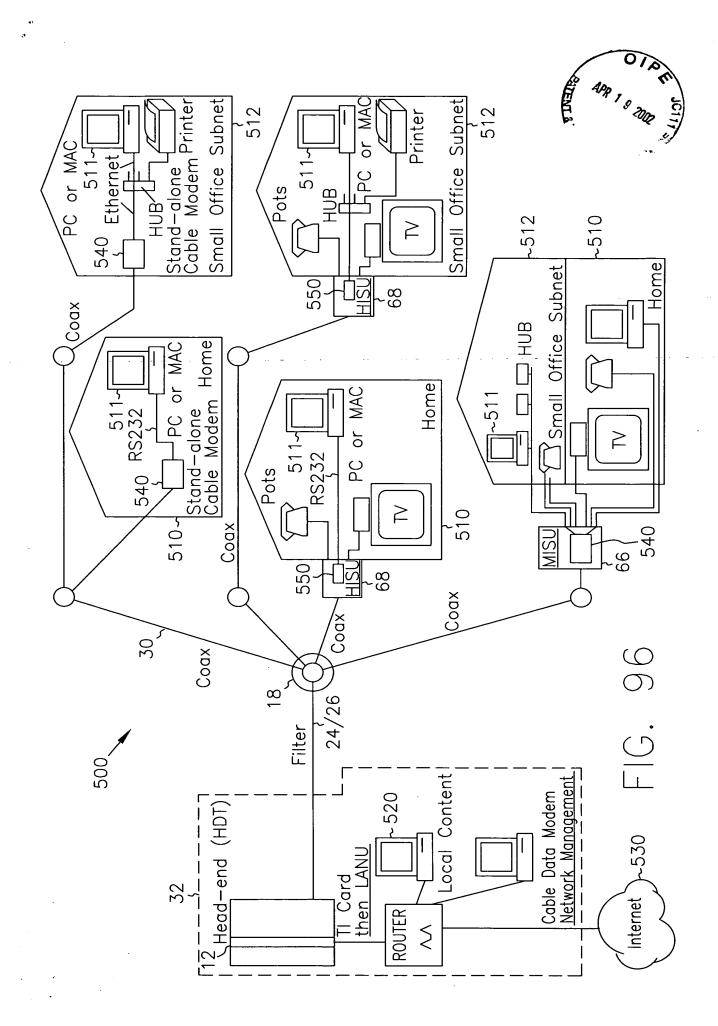


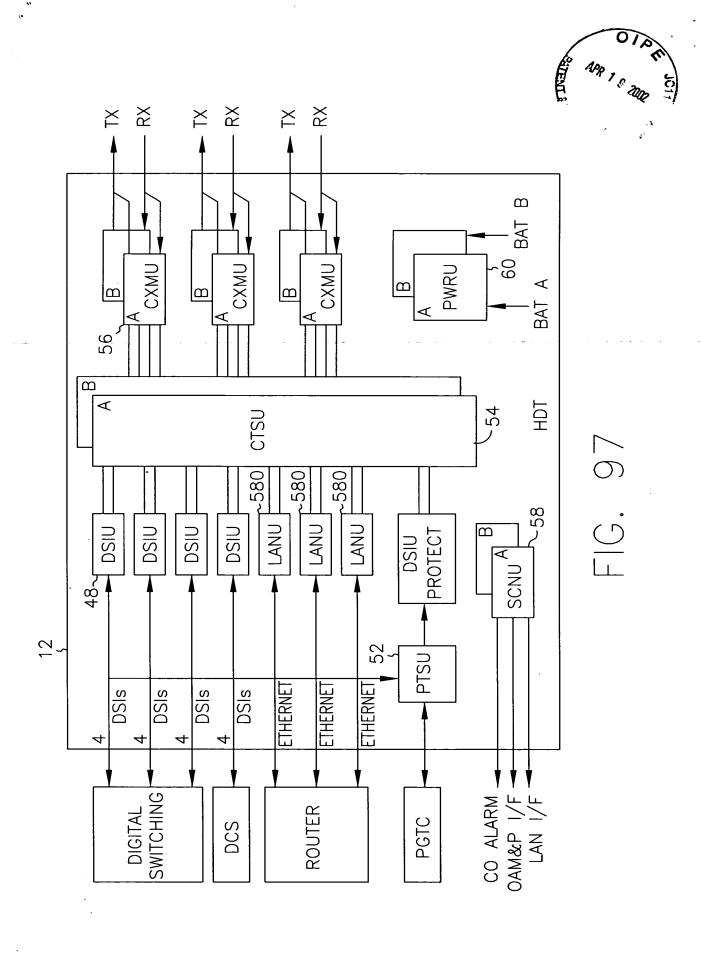


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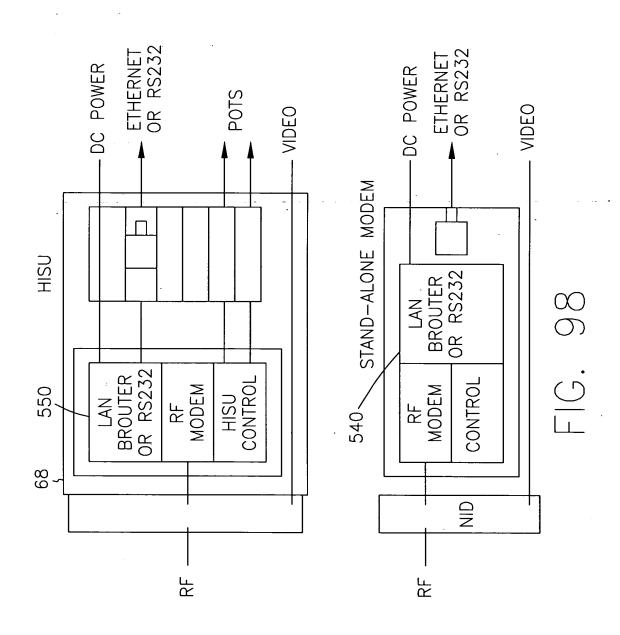
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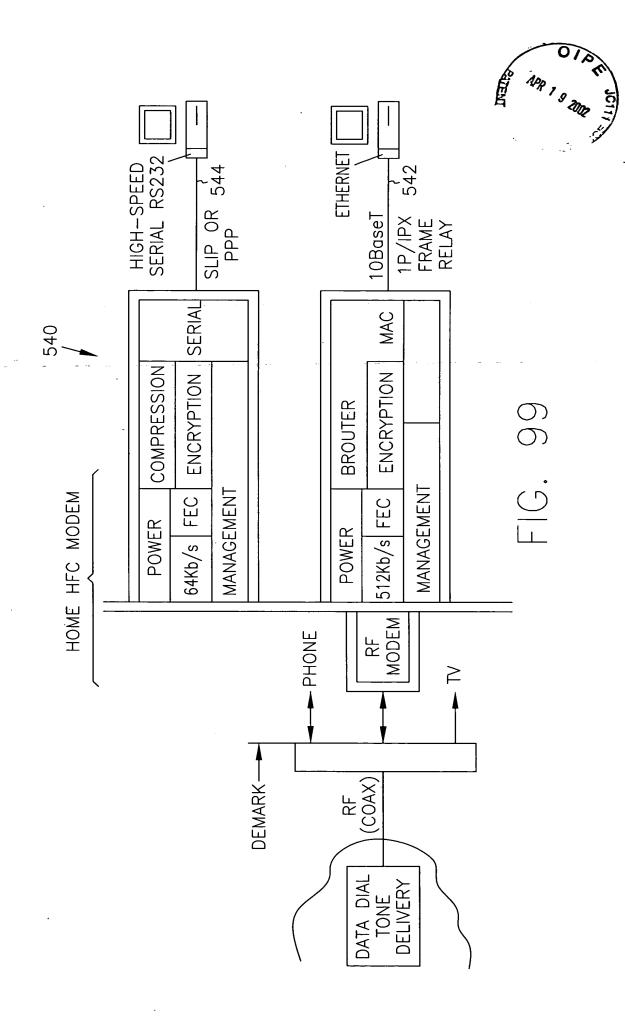




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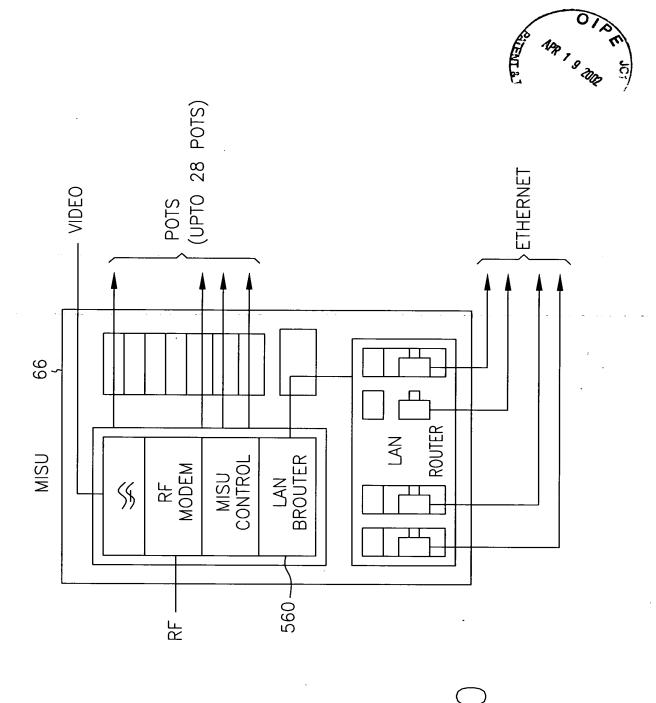
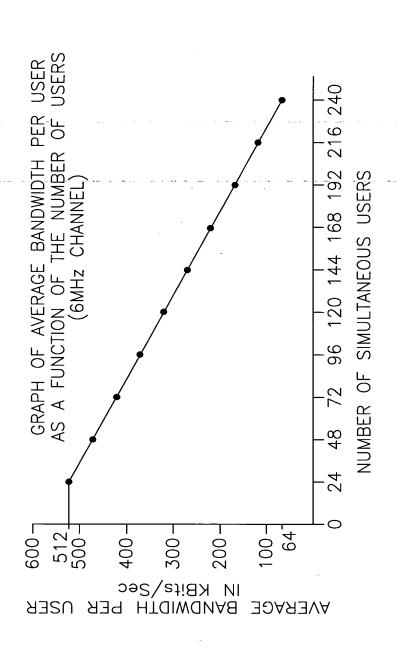
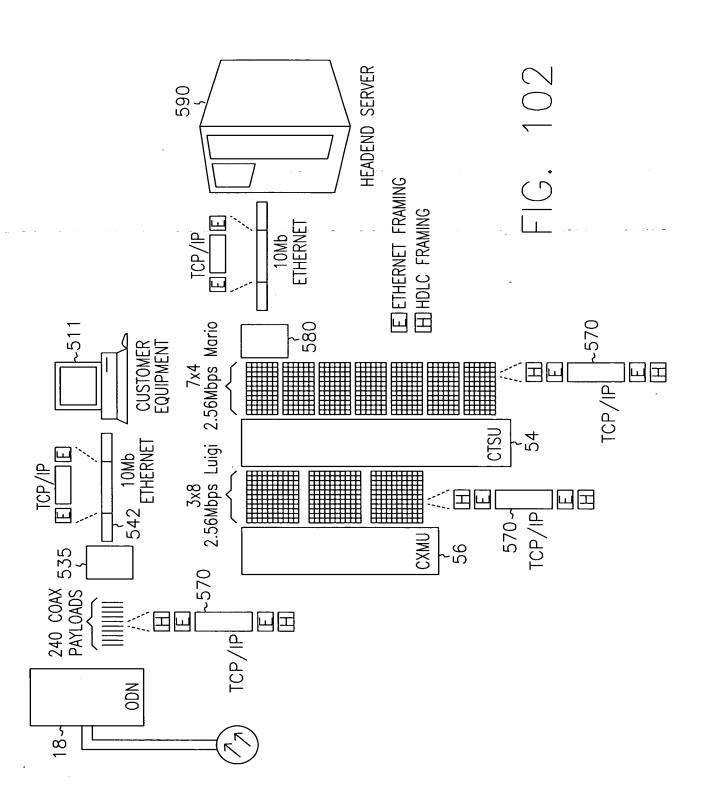


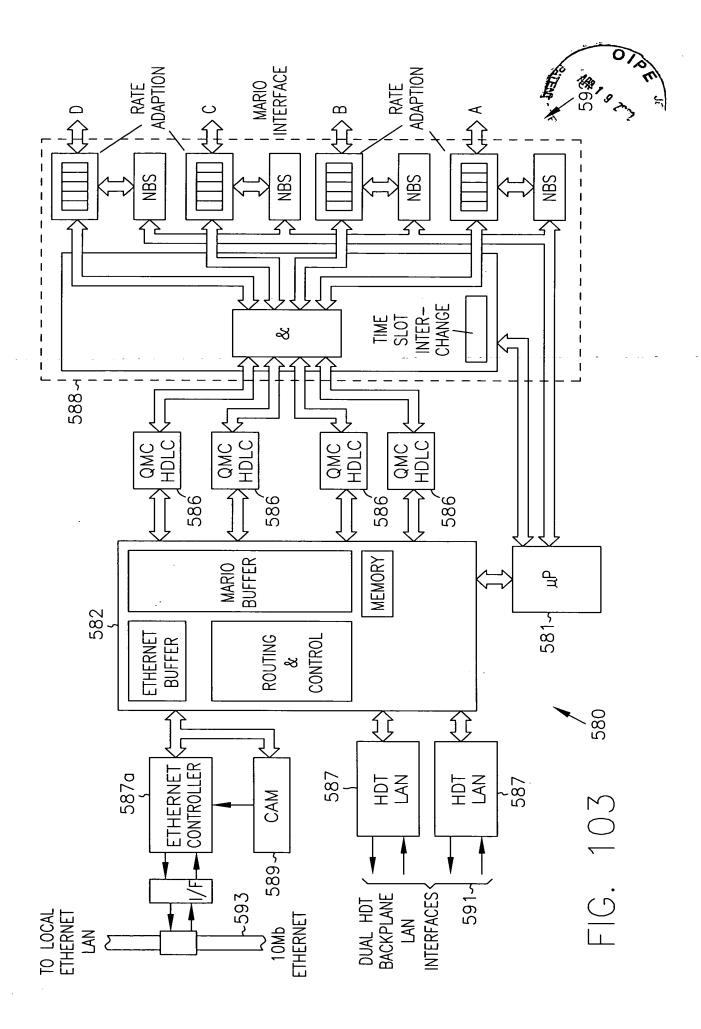
FIG. 10

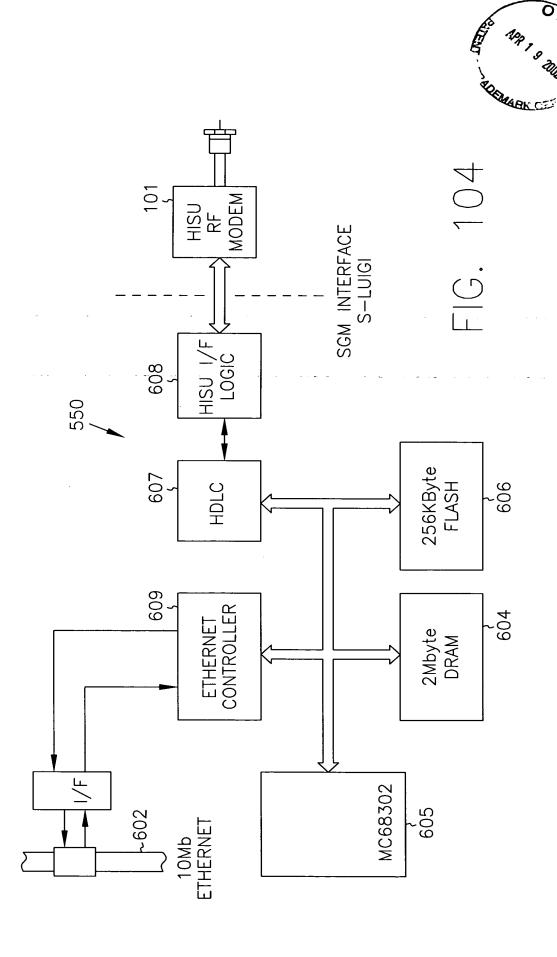


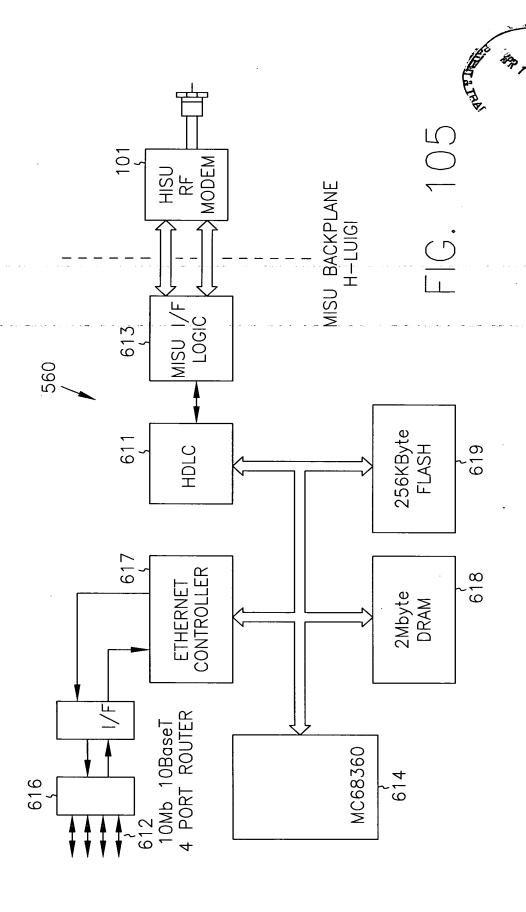




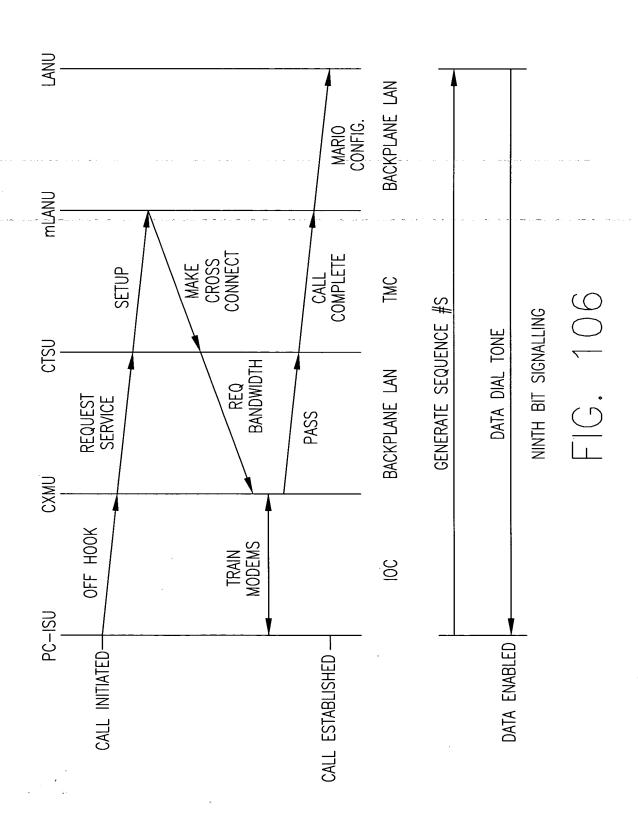














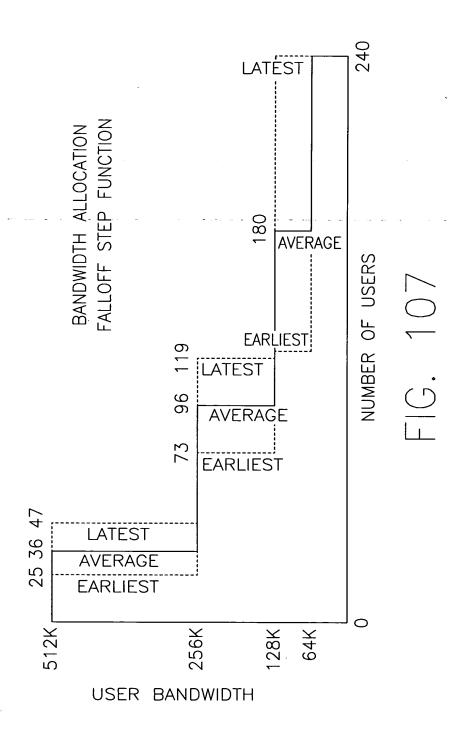




FIG. 108

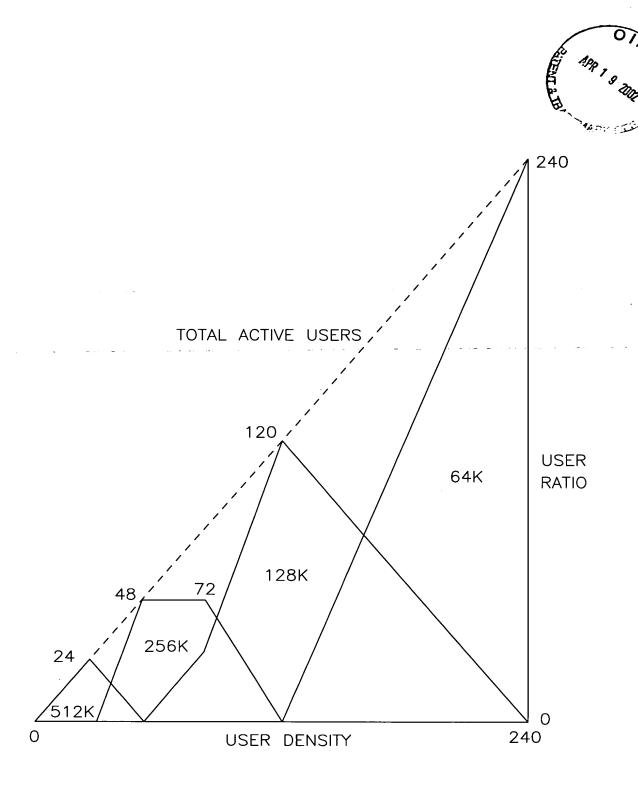


FIG. 109



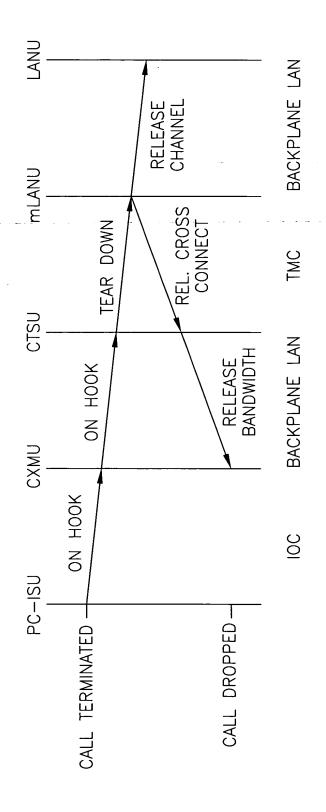
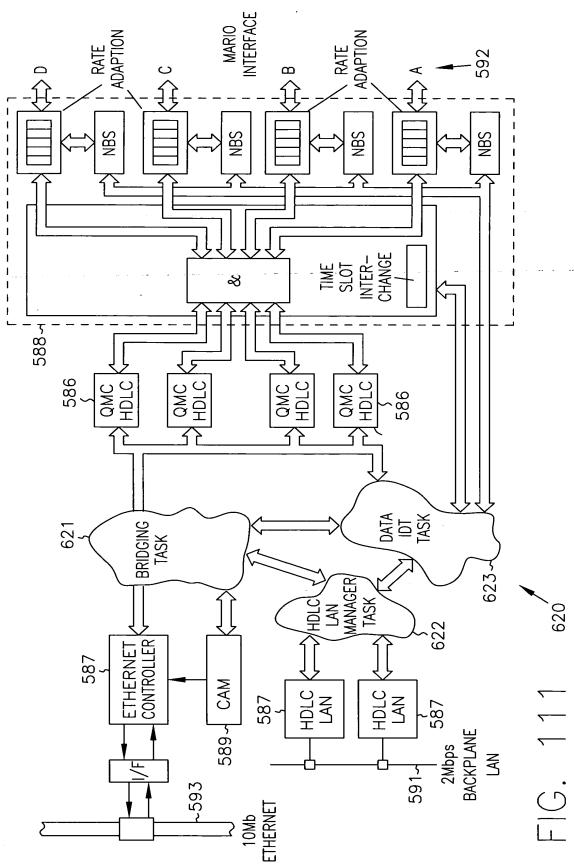


FIG. 110





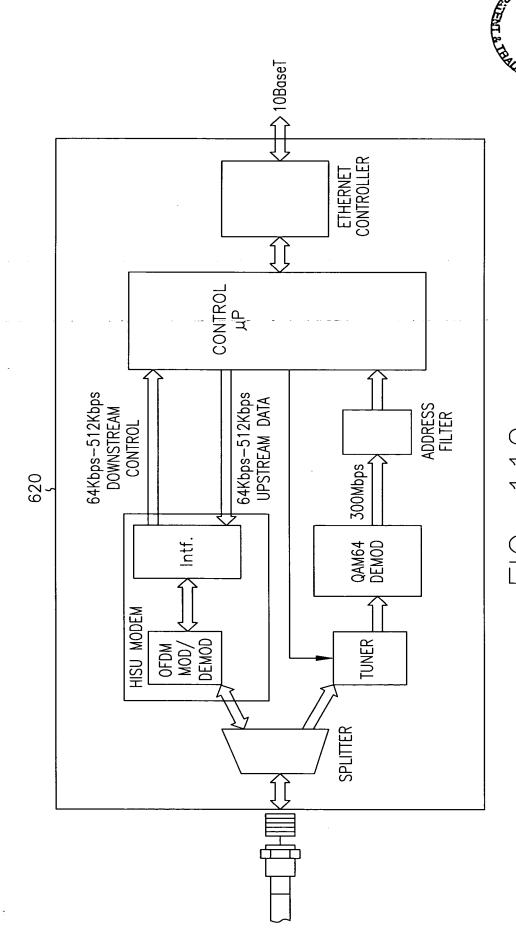


FIG. - 17

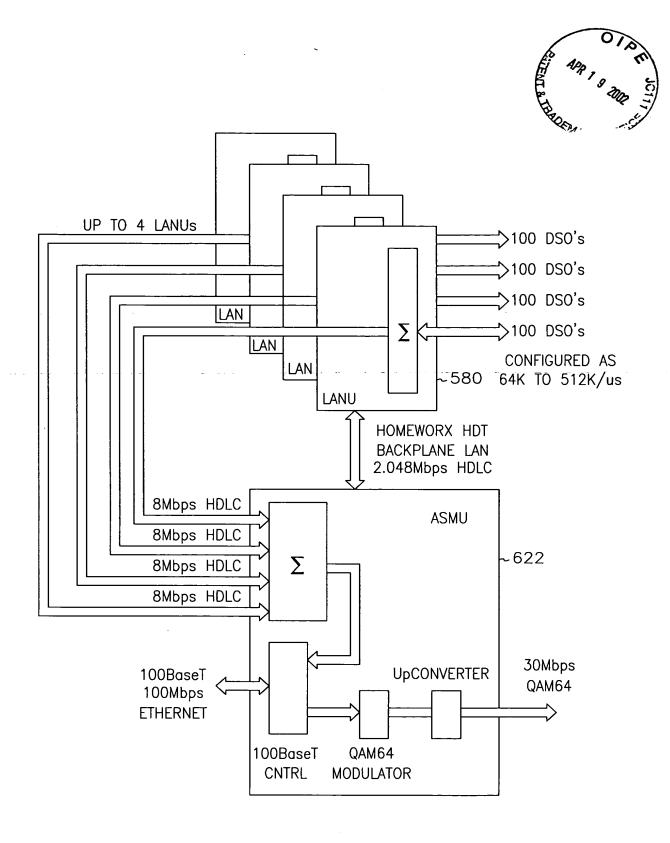
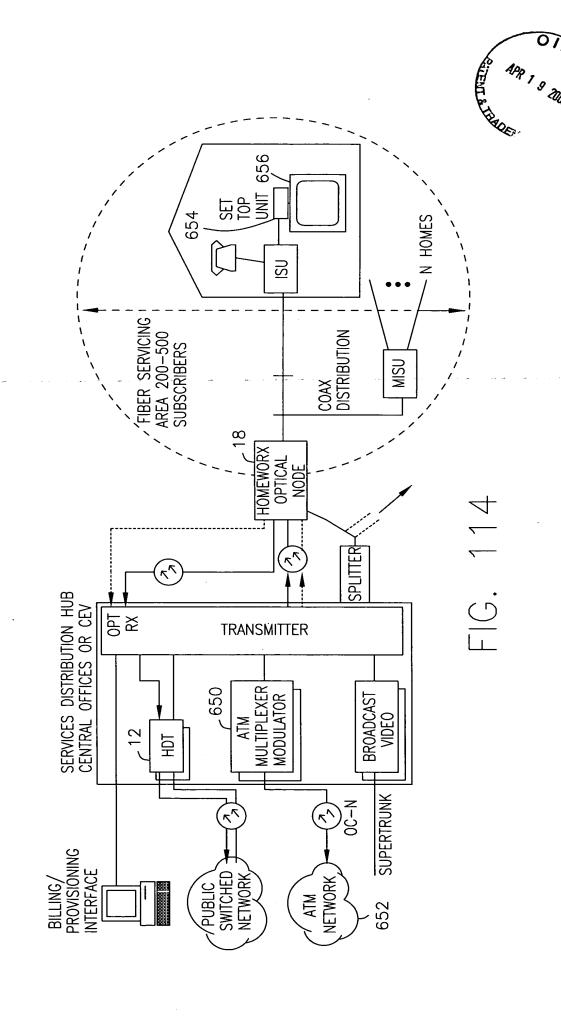


FIG. 113



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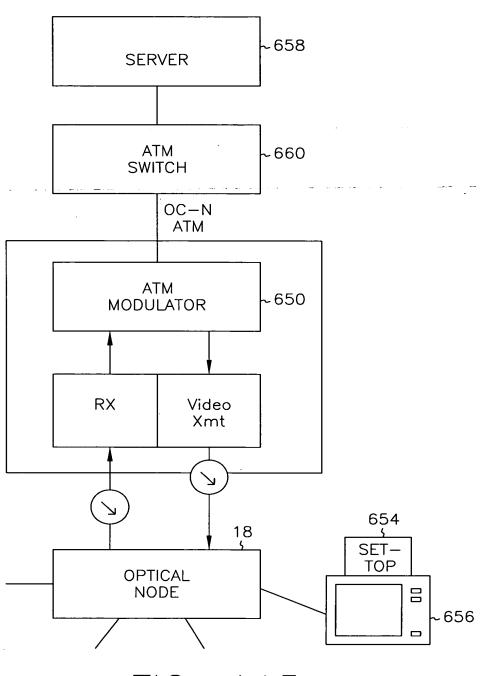
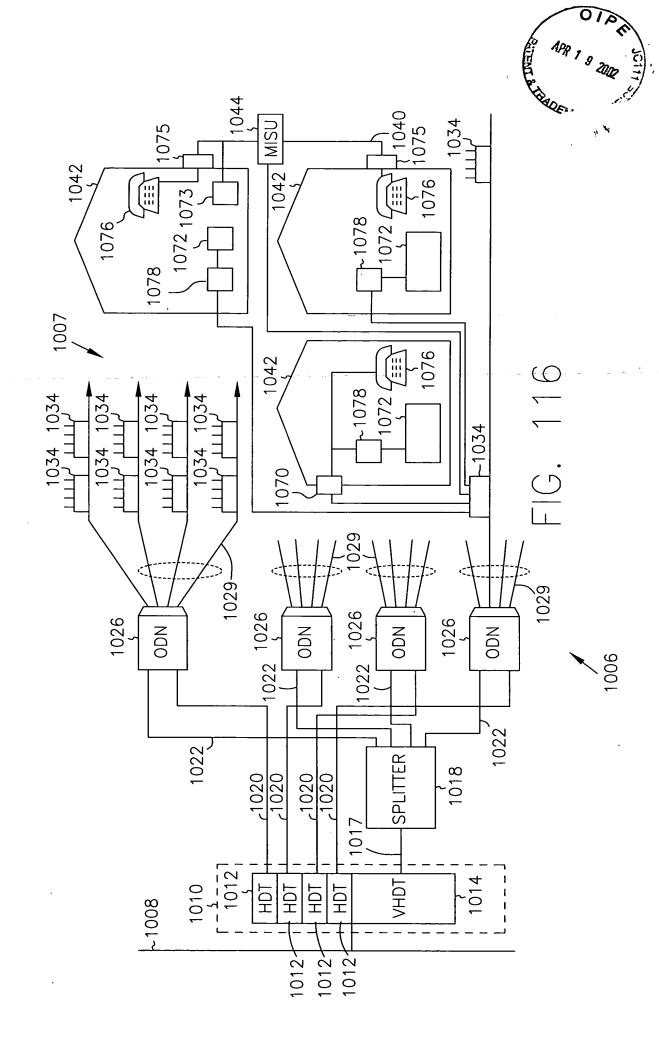
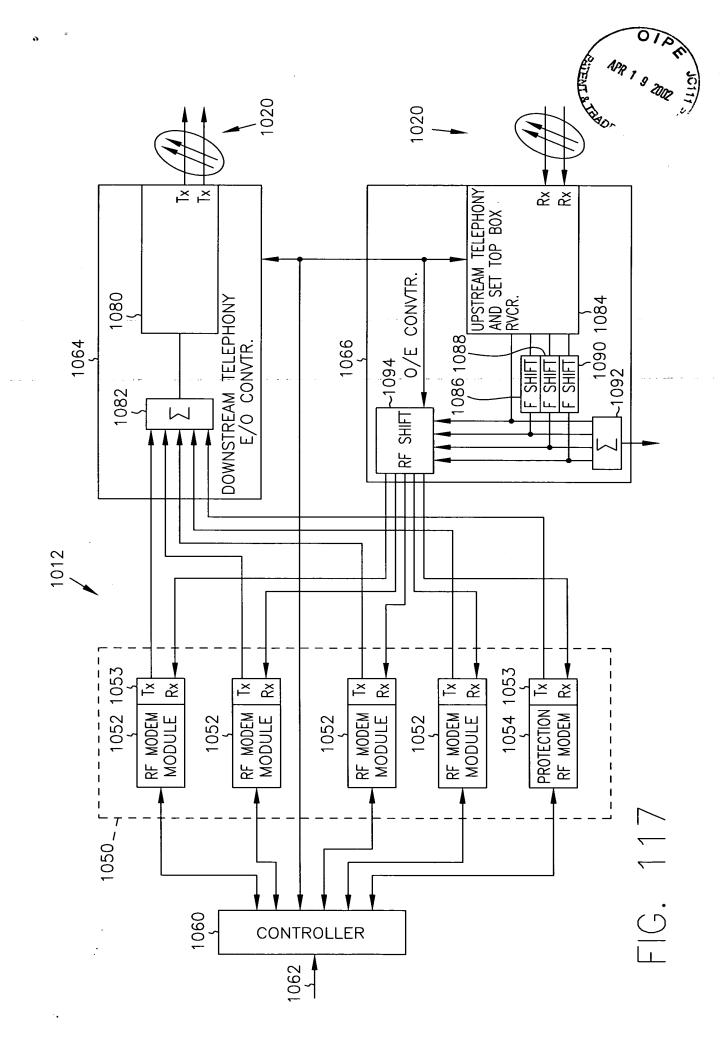
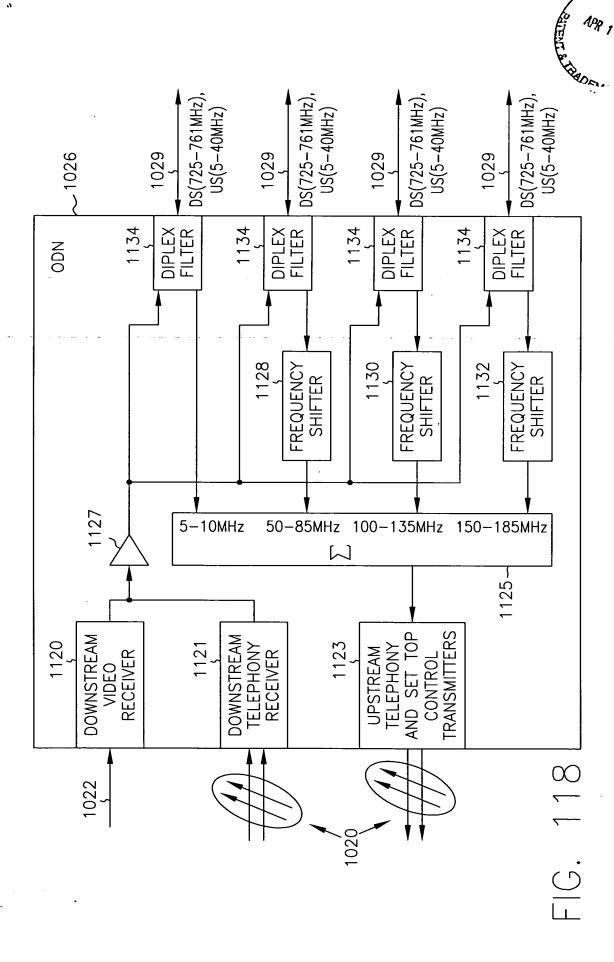


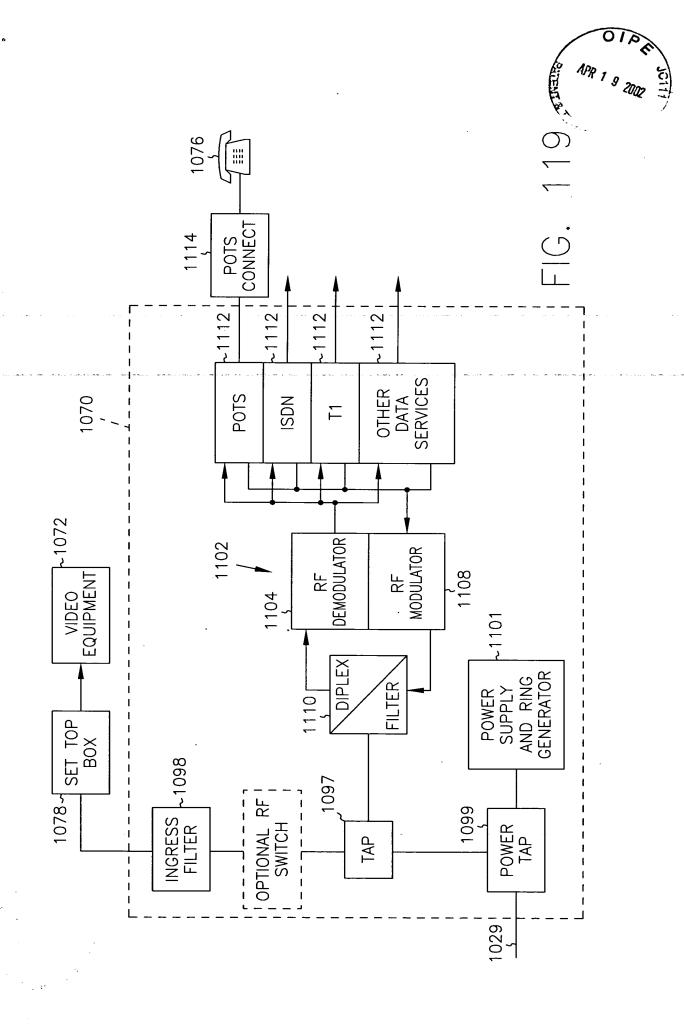
FIG. 115



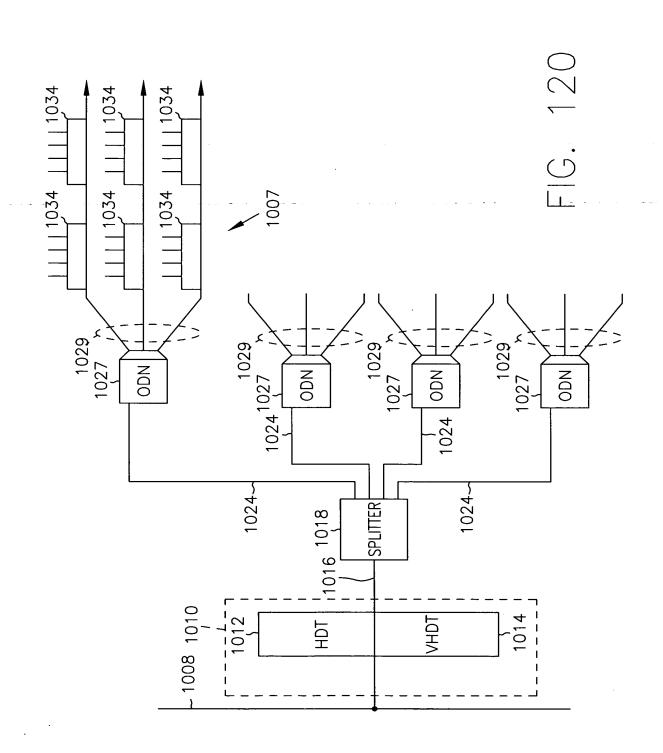
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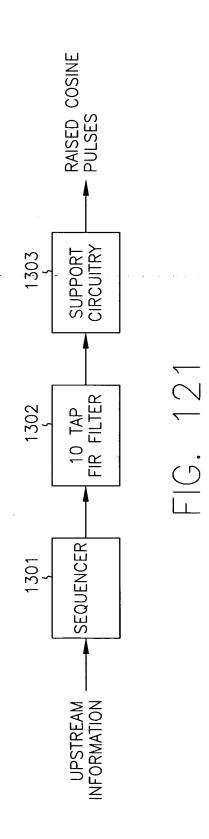




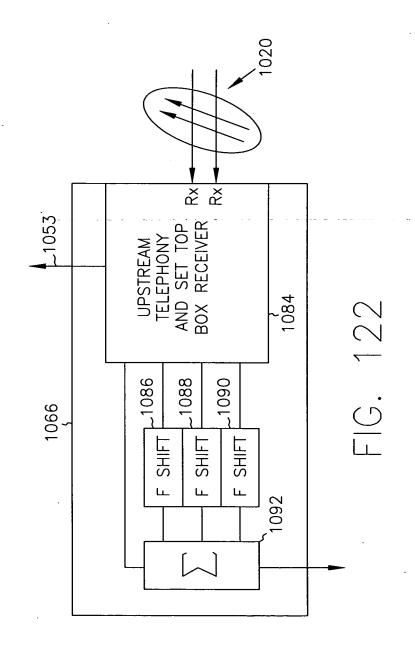


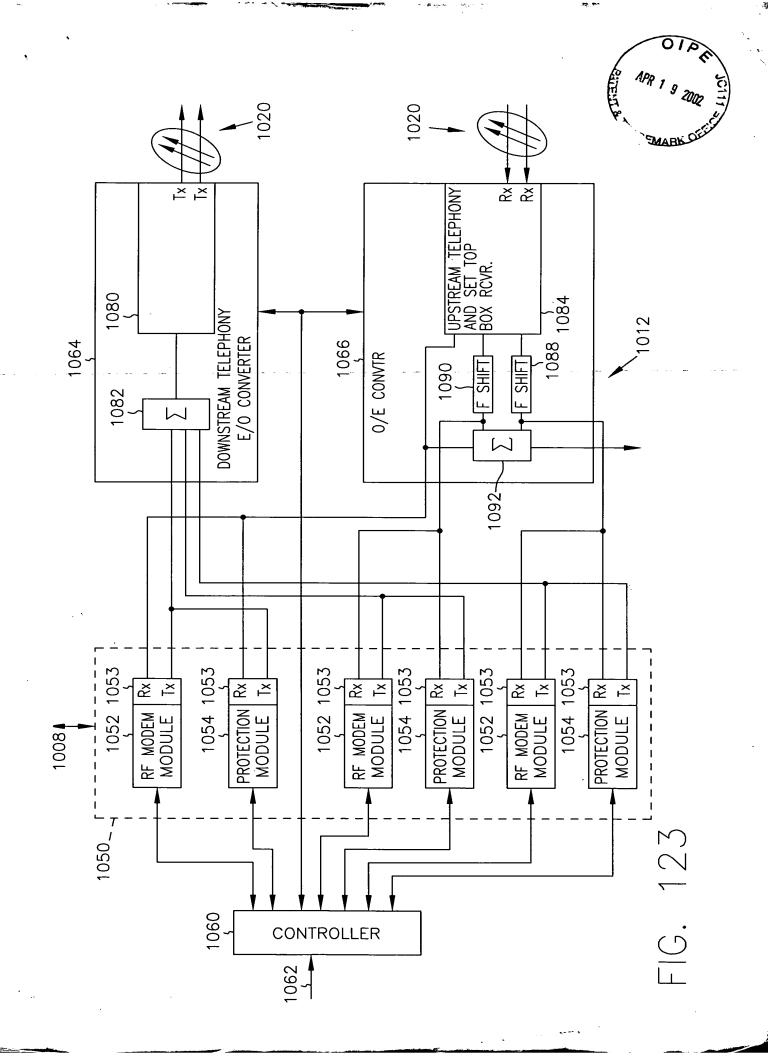














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